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THE SCHLOMANN SERIES

OF

ILLUSTRATED TECHNICAL DICTIONARIES

IN SIX LANGUAGES

ENGLISH *RUSSIAN*
GERMAN *ITALIAN*
FRENCH *SPANISH*

BY

ALFRED SCHLOMANN

VOL. X

MOTOR VEHICLES

(Motor Cars, Motor Boats, Motor Airships, Flying Machines)

EDITED BY RUDOLPH URTEL

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PREFACE.

The present volume, entitled "Motor Vehicles", not only deals with Motor Cars and Motor Boats, but also includes Motor Airships and Motor Aeroplanes; it thus covers the very latest and most promising branch of modern technical science and enterprise.

All these have been grouped together in one volume; not only because they belong to that class of motor driven vehicles which is not confined to certain clearly defined branches, but also in view of the fact that they are all intimately corelated in their mutual development which is practically defined by the progress made in the evolution of the highspeed internal combustion engine.

The relatively speaking small number of vehicles using some other sources of power, e. g. such as electrically driven vehicles, also owe their importance largely to the wonderful success which has attended the use of the internal combustion motor which, owing to its light weight and great efficiency, is unrivalled for driving motor vehicles.

This is particularly the case with Motor Airships and Aeroplanes, which were quite unable to show any practical results until motors for ordinary vehicles had attained a considerable degree of excellence — an evolution which, from the technical point of view, is even now only at the commencement of its development.

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It is only natural that in the case of such new branches of technical industry, which are indeed in the very primary stages of their evolution, the terminology used in various tongues is still restricted; consequently it has been a peculiarly difficult task not only to collect the accurate terms used in the motor vehicle industry of different countries, but also to cover the whole field in an adequate manner.

The necessity of compiling a standard terminology for the whole field of motor vehicle technology, has long been recognized by the "Automobiltechnische Gesellschaft". With the co-operation of the Imperial Automobile Club, and other allied corporations, they formed a Terminological Committee to which the preparation of the necessary work was entrusted. The work of this Committee was naturally however attended by only a small modicum of success, as there was an entire lack of any perfect collection of the "termini technici" under consideration. The editor of the "Illustrated Technical Dictionaries" therefore suggested that the Technological Committee of the "Automobiltechnische Gesellschaft" should suspend their labours till the Ms. of the present work was completed, so as to subject it to a thorough and exhaustive revision, in co-operation with the editor and his staff; this proposal was at once accepted, and every technical term formed the subject of discussion at meetings which were held, for several hours every evening, for a consecutive period of three weeks. Thus the Ms. now comprises a terminology which may be regarded as general standard phraseology, and it is confidently believed that all, whether manufacturers or others, will accept it as such.

The present volume comprises preeminently such expressions and terms as are peculiar to the Motor or Automobile Industry. All the terms relating to the motor itself, will be found in Vol. IV of the "Illustrated Technical Dictionaries", where they are exhaustively dealt with (vide, Vol. IV "Internal Com-

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bustion Engines"). The fact however, that a dictionary of Motor Terms would also be used by persons who employ motors for purposes of racing and touring caused us to recognize the necessity in this instance of exceeding the usual limits of the "Illustrated Technical Dictionaries", and a fairly liberal space has been devoted to these. The editors have assumed that every motorist, travelling abroad and requiring to effect repairs, purchase duplicate parts etc., will find himself able, with the aid of the present volume, to make himself perfectly understood.

This work is also intended to be of value at all International Competitions, Races and the like.

As regards the chapter devoted to "Motor Airships" and "Motor Aeroplanes", it may be mentioned that it was extremely difficult to follow the extraordinarily rapid development of this field of applied science; it was consequently found essential to devote special attention to the elemental features of these machines and to subordinate to this the consideration of special types. The phraseology however is so copious that it will fully suffice to enable matter from technical aeroplane journals to be translated without difficulty, or permit conversation being easily carried on in these subjects.

As the handling of motor airships is, to a certain extent, intimately connected with the manipulation of Kite Balloons (also known as Cody Kites in England), we have devoted an Appendix to the most vital and essential expressions employed in connection with the manoeuvring of Kite Balloons. As these addenda are of special importance in connection with military operations, the most important military words of command relative to this subject have been given.

In the selection of the sketches special care has been devoted to making them as diagrammatic as possible, all special outlines and special and peculiar structural features being avoided.

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In the compilation of this volume the editor has been greatly aided by the extremely generous co-operation and assistance of technical colleagues and experts in the various branches. In fact, many official departments, scientific societies, practical and scientific men and sportsmen of all countries have lent valuable aid in the compilation and perfection of our Ms. The list, given below, of those who have co-operated will afford a striking proof of the manner in which the labours of our Editorial Department have been seconded and facilitated by the support of many of the most prominent men in the technical world.

The Editorial Department has made it its aim to get into personal touch with the leading foreign Motor Clubs, and numerous specialists and sportsmen, in order to make the work as perfect as possible; this has necessitated journeys abroad, covering many months, but in this way a unity has been secured which would hardly otherwise have been possible.

Special thanks are due to the "Automobiltechnische Gesellschaft zu Berlin", who co-operated with us to an extent which has far exceeded those limits to which co-operation is, as a general rule, confined. The final passing for Press of the pages of the present volume occupied many sittings, held in Berlin: these sittings were arranged, and presided over, by Dr. Ernst Valentin, general secretary of the company in question. Our thanks must also be expressed to the "Kaiserlicher Aeroklub, Berlin", the "Motor-Yacht-Verband" and the "Flugtechnische Gesellschaft", all of whom participated in these consultations.

I am indebted most especially to the Motorluftschiff-Studiengesellschaft, of Berlin, and to Oberleutnant Stelling, for the great service they have rendered in preparing the very first Ms. dealing with motor airships and flying apparatus.

These sections were all submitted to the valued criticism of Baron v. Bassus, Munich, and the Zeppelin

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Airship Co. of Friedrichshafen, to both of whom I, herewith, again express my hearty thanks.

The "Royal Automobile Club of Great Britain" read and revised our proofs, and the "Kaiserlicher Automobil-Club" of Berlin, the "Automobile Club d'Italia", the "Real Automóvil Club de España", the "Moscow Automobile Club", and the "St. Petersburg Automobile Club" actively interested themselves, and here receive the expression of my gratitude.

Amongst the collaborators and well-wishers of this work in foreign countries, special prominence further must be given to the "Russian Imperial Aero-Club, St. Petersburg"; "Russian Automobile Co., St. Petersburg"; Mr. O'Gorman, M. Inst. C. E., London; Mr. Lewenz, A. M. I. E. E, London; Director and Engineer Marchesi, Turin; Engineer Ferraguti, Milan; M. de Bousquet, Secretary of the Competitions Committee of the Automobile Club of France, Paris; Mr. Garnier, Mining Engineer, Paris, and Mr. G. Ortega, Mining Engineer, Madrid.

I have now only to add the hope that this Vol. X will further advance the development of International Technical Science in its many branches, and to express my hearty thanks to all those who have lent me generous and valuable assistance, and especially to Mr. Urtel, Engineer-in-Chief, and to Mr. Otto Renner, engineer, whose services in sub-editing the Ms. have proved of the highest value. My thanks are also due to the gentlemen engaged on our editorial staff, viz. Messrs: August Boshart, Pietro Contin, Douglas J. Cruickshank, Wetscheslaw Dobrotworsky, Edgar Charlier-Desmet, Victor Ruelens, Alexander Trettler and Wilhelm Wagner.

Munich, October 1910.

Alfred Schlomann, Editor.

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Lists of Contributors and Revisors.

Revisors and Contributors of the German Section in Germany:

the "Automobiltechnische Gesellschaft"
the "Flugtechnische Gesellschaft"
the "Motor-Yachtverband", Berlin:

Patentanwalt M. Abrahmson, Berlin.
Ingenieur M. H. Bauer, Berlin W. 30.
Ingenieur Robert Conrad, Berlin W. 50.
Ingenieur M. Otto Renner, Halensee-Berlin.
Direktor Adolf Sadger, Berlin SW.
Ingenieur Robert Schwenke, Charlottenburg.
Oberingenieur Alfred H. Simon, Berlin O.
Oberingenieur Ernst Valentin, Berlin.
Oberingenieur Winkler, Köpenick-Berlin.
Direktor Hans Zeißig, Berlin NW.

Other Contributors:

Motorluftschiff-Studiengesellschaft m. b. H., Berlin-Reinickendorf.
Luftschiffbau Zeppelin, G. m. b. H., Friedrichshafen a. B.
Mitteleuropäischer Motorwagenverein, Berlin W. 9.
Major v. Parseval, Berlin.
Oberleutnant Stelling, Berlin-Reinickendorf.
Dr. W. Deimler, München.
Ansbert Vorreiter, Beratender Ingenieur für Luftschiffahrt, Motoren- und Automobilwesen; Herausgeber der Zeitschrift für Flugtechnik und Motorluftschiffahrt, Berlin.
Ingenieur W. Wagner, Generalsekretär des Polytechnischen Vereins, München.
Adler-Fahrradwerke, vorm. Heinrich Kleyer, Frankfurt a. M.
Benz & Co., Rheinische Gasmotorenfabrik, A.-G., Mannheim.
Bielefelder Maschinenfabrik vorm. Dürkopp & Co., Bielefeld.
Continental-Caoutchouc- & Guttapercha-Co., Hannover.
Corona-Fahrradwerke und Metallindustrie, A.-G., Brandenburg.
Daimler-Motorengesellschaft, Marienfelde-Berlin.
Gasmotorenfabrik Deutz, Köln-Deutz.
Mars-Werke, A.-G., Nürnberg-Doos.
Karl Meißner, Hamburg 27.
Neckarsulmer Fahrradwerke, A.-G., Neckarsulm.
Neue Automobilgesellschaft, Berlin NW.
Adam Opel, Motorfahrzeugfabrik, Rüsselsheim a. M.
August Riedinger, Ballonfabrik, Augsburg.
Aktiengesellschaft vorm. Seidel & Naumann, Dresden.

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Süddeutsche Automobilfabrik, Gaggenau (Baden).
Verein Deutscher Motorfahrzeugindustrieller, Berlin SW. 68.
Wanderer-Fahrradwerke, Schönau bei Chemnitz.

Revisors of and Contributors to the English Section in England and America:

The **Royal Automobile Club of Great Britain**, London.
H. I. Lewenz, A. M. I. E. E., London.
Charles J. Webb, London.
Eugen Eichel, Consulting engineer, Berlin, formerly engineer to the General Electric Comp., Schenectady, U. S. A.
M. O'Gorman, Esq., M. I. E. E. of the English Army Balloon works, Aldershot.
Adams Co., Dubugue, Jowa, U. S. A.
Aerocar Co., Detroit, Michigan.
American Motor Truck Co., Lockport, N. Y.
Atlas Motor Car Co., Springfield, Massachusetts, U. S. A.
Babcock Electric Carriage Co., Buffalo, N. Y.,
British Bariquand and Marre Engine-Company Ltd., London.
De Dion Bouton, Ltd., London.
Brennan Motor Mfg. Co., Syracuse, N. Y.
Brocks Boat Mfg. Co., Saginow, Mich.
Cadillac Motor Car Co., Detroit, Mich.
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New-Arrol-Johnston Car Co., Ltd., Underwood.
New Speedwell Motor Co., Ltd., London.
Packhard Motor Car Co., Detroit, Mich.
Panhard & Levassor, London.
Seal Motor Co., London.
Sellers & Co., Philadelphia, U. S. A.
Smith and Mabley, New York.
Standard Motor Construction Co., Jersy City, N. Y.
Sunbeam Motor Car Co., Ltd., Moorfield Works, Wolverhampton.
Swift Motor Co., Ltd., Coventry.
Reo Motor Car Co., Lansing, Mich., U. S. A.
John I. Thornycroft & Co., Ltd., London and Basingstoke.
Olds Motor Works, Lansing, Michigan, U. S. A.
Winton Motor Carriage Co., Cleveland, Ohio.

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Revisors of and Contributors to the French Section in France and Belgium.

MM. Charles de Bousquet, Sécrétaire de la Commission des concours et de la Commission auto-aérienne de l'Automobile-Club de France, Paris.
Edgard Charlier-Desmet, Ingénieur-civil, Bruxelles.
G. Garnier, Ingénieur-civil des Mines, Paris.
Le lieutenant-colonel G. Espitalier, Paris.
Ateliers de Constructions Mécaniques «l'Aster», Paris.
L. Baudry de Saunier, Paris.
Decauville-Aîné, Société Nouvelle des Établissements, Petit-Bourg.
Société Lorraine des anciens Établissements de Dietrich & Cie. de Lunéville, Neuilly s. Seine.
Société commerciale des Automobiles Gobron-Brillié, Paris.
Société anonyme des anciens Établissements Hotchkiss & Cie., Paris.
Société anonyme d'Électricité et d'Automobiles Mors, Paris.
Ateliers L. Linon, Ensival-lez-Verviers, Ensival (Belg.).
Société anonyme des anciens Établissements Panhard & Levassor, Paris.
Renault Frères, Billancourt.
Société anonyme des Pneumatiques cuir «Samson», Paris.
Atelier d'Automobiles de la Société anonyme «La Métallurgique», Marchienne-au-Pont, Belg.
Société A. E. G., Paris.

Collaborators and Revisors of the Russian Text in Russia.

Russian Imperial Aero-Club, St. Petersburg.
Russian Automobile Society, St. Petersburg.
St. Petersburg Automobile Club, St. Petersburg.
Moscow Automobile Club, Moscow.

Andrejewsky Th., Engineer, St. Petersburg.
Antonoff A. A., Engineer to Marck & Co's motor works, Moscow.
Boeckel P. P., Member of the Imperial Automobile Club, St. Petersburg.
I. Bräutigam, Coachbuilding Works, St. Petersburg.
Dellonay N. B., Professor at the Polytechnic Institute, Kiew.
Dobrotworsky W. W., Engineer, Munich.
Engelmeyer P. K., Engineer, Moscow.
Filippow L. W., Engineer, St. Petersburg.
Giraut V. K., II. President of the Moscow Automobile Club, Moscow.
Gurewitsch Paul, Engineer, Berlin.
Held G. A., Engineer, St. Petersburg.
Iwanoff I. N., Taschkent.
Jakowlew Bros., Coachbuilding Works, St. Petersburg.
Kapustin F. N., Engineer to the Autobus Co,, St. Petersburg.
Kowanjko, General A. M., Chief of the Military Airship Park, St. Petersburg.
Lebedeff A. A., Lecturer at the Polytechnic Institute, St. Petersburg.
Mehmel F. N., Marine Engineer, St. Petersburg.
Michajloff W. A., of the Editorial Staff of the "Automobile" Journal, St. Petersburg.
Mordwinoff Lord A. A., St. Petersburg.
Najdionoff Colonel W. F., Professor at the Nicolai Engineering, Academy and at the Polytechnic Institute, St. Petersburg.

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Njelubowitsch T. W., Engineer, St. Petersburg.
Petroff A. A., Engineer, St. Petersburg.
"Pobjeda" Warehouses, St. Petersburg.
"Prowodnik" Russo-French Rubber Works Co., Riga.
Professor Radzig, of the Polytechnic Institute, St. Petersburg.
The Russian Company of "Schuckert & Co.", St. Petersburg.
Engineer Soboleff of the Putiloff Works, St. Petersburg.
A. P. van der Vliet, Professor at the Polytechnic Institute St. Petersburg.
S. W. Wjachirew, Technological Engineer, St. Petersburg.

Revisors and Contributors to the Italian Section in Italy:

Automobile-Club d'Italia, Torino.
Ing. E. Ferraguti, ingegnere della Fabbrica Automobili «Isotta-Fraschini», Milano.
Ingegnere Enrico Marchesi, Direttore tecnico della "F. I. A. T.", Torino.
Società Automobili Diatto-A. Clément, Torino.
«F. I. A. T.» Fabbrica Italiana Automobili, Torino.
Fabbrica Automobili Isotta Fraschini, Milano.
Fabbrica di Automobili «Florentia», Firenze.
Società Italiana Automobili Krieger, Torino.

Revisors and Contributors to the Spanish Section in Spain.

Real Automóvil Club de España, Madrid.
Guillermo Ortega, Ingeniero, Madrid.
Miguel Menéndez Boneta, Ingeniero de Caminos, Canales y Puertos, Madrid.
Don José Mª Samaniego, Madrid.

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I.

Motorwagenarten
Motor Car Classes
Genre de voitures

Классификація автомобилей
Tipi di automobili
Clase de coches

Motorwagen (m), Automobil (n), Auto (n), Kraftwagen (m), Selbstfahrer (m)
automobile, motor car
automobile (f) *ou* (m), voiture (f) automobile, auto (m) *ou* (f), [voiture (f)] automotrice (f)

автомобиль (m); [самокатъ (m)]
vettura (f) a motore, vettura-automobile (f), automobile (m)
automóvil (m), coche (m) automóvil

1

Motorwagenart (f)
class of automobile *or* motor car
genre (m) de véhicule automobile

родъ (m) автомобиля
specie (f) di automobile
clase (f) *ó* género (m) de vehículo automóvil

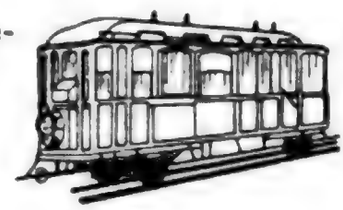
2

Motorwagentyp (m)
type of automobile *or* motor car
type (m) d'automobile

типъ (m) автомобиля
tipo (m) di automobile
tipo (m) de automóvil

3

Triebwagen (m), Schienenmotorwagen (m)
railroad motor car
automotrice (f) (de chemin de fer)



вагонъ-моторъ (m); вагонъ-двигатель (m) на рельсахъ
automotrice (f), automobile (m) per binario *o* su rotaie
automotriz (f) *ó* automotor (m) para vía ferrea

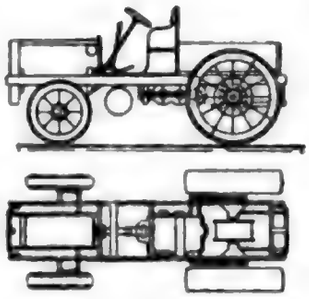
4

Straßenfahrzeug (n)
street vehicle
véhicule (m) de ville, automobile (m) sur route

дорожный экипажъ (m); экипажъ (m) для движенія по улицамъ
veicolo (m) stradale, automobile (m) da strada
carruaje (m) de poblado

5

Straßenlokomotive (f), Trakteur (m) (ohne Nutzlast)
traction engine, tractor
tracteur (m)



локомоторъ (m); трактёръ (m) [безъ полезнаго груза]
carro (m) rimorchiatore, trattore (m) (senza carico utile)
vehículo (m) tractor

6

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1 Lastzug (m)
freight train, train of loaded wag[g]ons
train (m) de marchandises

грузовой автомобиль-поѣздъ (m); грузовой поѣздъ при автомобилѣ
treno-merci (m), treno-materiali (m)
tren (m) de mercancías

2 Zugwagen (m), Vorspannmaschine (f)
lorry, tractor
tracteur (m)

a

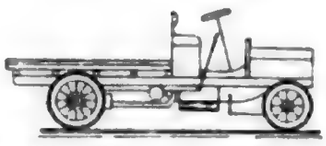
локомоторъ (m); трактёръ (m) [съ полезнымъ грузомъ]
trattore (m), macchina (f) rimorchiatrice
tractor (m)

3 Anhängewagen (m), Anhänger (m)
trailer
remorque (f), véhicule (m) remorqué

b

прицѣпной вагонъ (m)
rimorchio (m), carro (m) rimorchiato, vettura (f) rimorchiata
remolque (m)

4 Lastwagen (m), Transportfahrzeug (n)
lorry, freight car *or* wagon
camion (m) automobile, voiture (f) à marchandises (automobile)

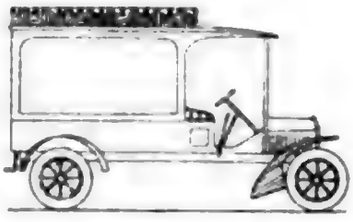


грузовикъ (m); грузовой автомобиль (m)
carro-merci (m), carro (m) da trasporto
camión (m), carruaje (m) de mercancías, vagón (m) [automóvil]

5 Schnellastwagen (m), Eilwagen (m)
express goods *or* freight (A) wagon
wagon (m) (automobile) de grande vitesse (pour marchandises)

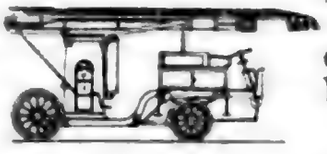
быстроходный грузовикъ (m)
carro-merci (m) per servizio celere
carruaje (m) de gran velocidad para mercancías

6 Geschäftswagen (m), Lieferungswagen (m)
delivery wagon *or* van
voiture (f) de livraison



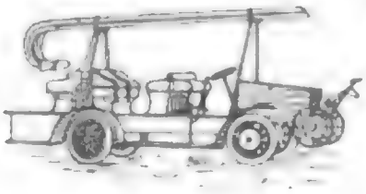
развозочный автомобиль (m); автомобиль для доставки товаровъ
vettura (f) da consegna
coche (m) de repartir

7 Feuerwehrfahrzeug (n)
motor fire brigade vehicle
pompe (f) à incendie (automobile)



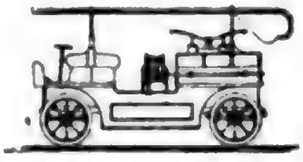
пожарный автомобиль (m)
carro (m) da pompieri
bomba (f) de incendios (automóvil)

8 Mannschaftswagen (m)
motor hose tender, mustering wagon
automobile (m) à escouade de pompiers



автомобиль (m) для пожарной команды
carro (m) per trasporto dei pompieri
automóvil (m) para el transporte de bomberos

9 Automobilspritze (f)
motor fire engine
pompe (f) automobile



автомобиль (m) съ пожарной трубой; автомобильный пожарный насосъ (m)
pompa (f) automobile, autopompa (f)
bomba (f) automóvil

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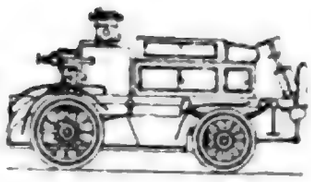
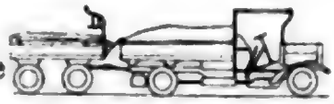
Automobil-dampfspritze (f)
motor steam fire engine *or* pump
pompe (f) à vapeur automobile



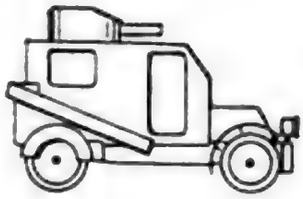
автомобиль (m) съ паровой пожарной трубой; автомобильный паровой пожарный насосъ (m) 1
pompa (f) a vapore automobile per incendio
bomba (f) de vapor automóvil

Militärlastwagen (m)
military motor lorry with trailer
tracteur (m) automobile militaire



военный грузовой автомобиль (m)
carro-trasporto (m) militare 2
tractor (m) automóvil militar

Panzerwagen (m)
armoured motor car
automobile (m) cuirassé



бронированный *или* блиндированный автомобиль (m)
automobile (m) corazzato 3
automóvil (m) acorazado

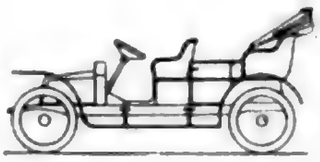
Scheinwerferwagen (m)
searchlight car
voiture-phare (f), voiture (f) à projecteur

автомобиль (m) съ прожекторомъ
carro (m) con proiettore 4
coche-faro (m), coche (m) con proyector

Personenwagen (m), Personenautomobil (n)
passenger car
voiture (f) à voyageurs (automobile), autobus (m)

автомобиль (m) для перевозки пассажировъ
automobile (m) per passeggieri 5
coche (m) de viajeros, automóvil (m) de viajeros

Luxuswagen (m)
elegant car, car de luxe
voiture (f) de luxe

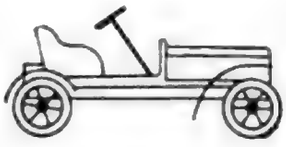


автомобиль(m) роскошной отдѣлки
vettura (f) di lusso 6
coche (m) de lujo

Sportwagen (m)
pleasure car, pleasure vehicle
voiture (f) de sport, automobile (m) de sport

спортивный автомобиль (m)
vettura (f) da sport 7
automóvil (m) de deporte

Rennwagen (m)
racing car, racer
voiture (f) de course

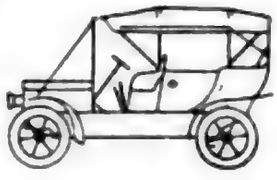


гоночный автомобиль (m)
vettura (f) da corsa 8
coche (m) de carreras

Gebrauchswagen (m)
car for industrial purposes, commercial vehicle
véhicule (m) industriel

легкій грузовой автомобиль (m); фургонъ (m) 9
veicolo (m) industriale
vehículo (m) industrial

Tourenwagen (m)
touring car
voiture (f) de tourisme



автомобиль (m) для туризма 10
vettura (f) da turismo
coche (m) de turismo

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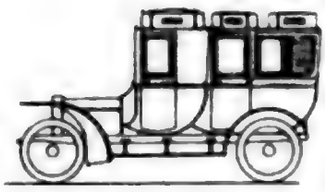
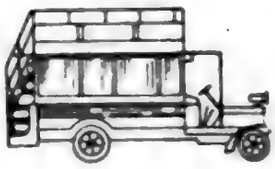
1 Reisewagen (m)
touring car
voiture (f) de tourisme, voiture (f) de voyage



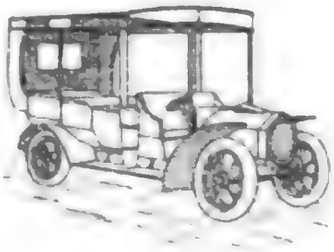
автомобиль (m) для дальнихъ поѣздокъ *или* для путешествій
vettura (f) da viaggio
coche (m) para viajes de turismo

2 Motoromnibus (m), Autobus (m)
motor bus
omnibus (m) automobile, autobus (m)



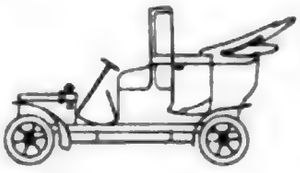
моторъ-омнибусъ (m); моторный омнибусъ (m); автобусъ (m)
omnibus (m) a motore, omnibus (m) automobile
omnibus (m) automóvil

3 Aussichtswagen (m), Gesellschaftswagen (m)
motor char-a-banc *or* brake
char (m) à bancs automobile



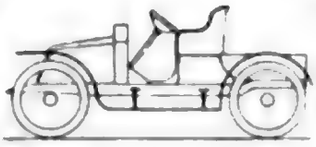
многомѣстный автомобиль (m); автомобиль для увеселительныхъ поѣздокъ
vettura (f) a giardiniera, giardiniera (f)
jardinera (f) automóvil

4 Automobildroschke (f), Autodroschke (f)
motor cab, taxe cab
fiacre (m) automobile, autoplace (m)



автомобиль (m) для лёгкаго извознаго промысла; таксомоторъ (m)
»fiacre« (m) automobile, automobile (m) da piazza
coche (m) de plaza automóvil, coche (m) automóvil de punto ó de parada

5 Kleinauto (n), kleiner Wagen (m), Voiturette (f)
run-about *or* small car
voiturette (f)

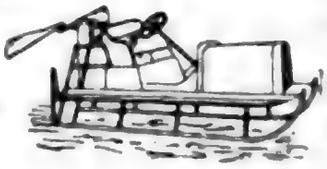


небольшой автомобиль (f); вуатюретка (f)
vetturetta (f)
cochecito (m), coche (m) lijero

6 Volksautomobil (n)
popular car
voiture (f) populaire

автомобиль (m) за общедоступную цѣну
automobile (m) popolare
carruaje (m) popular

7 Automobilschlitten (m)
motor sleigh
traineau (m) automobile



автомобильныя сани (f pl)
slitta (f) automobile
trineo (m) automóvil

8 Betriebsart (f)
method of operation
mode (m) de commande

родъ (m) дѣйствія
modo (m) di comando
sistema (m) de impulsión

9 Explosionsmotorwagen (m), Benzinwagen (m)
internal combustion engine car, petrol car
voiture (f) avec moteur à combustion interne, voiture (f) à essence

автомобиль (m) съ двигателемъ внутренняго сгоранія; бензиномобиль (m); автомобиль съ бензиновымъ двигателемъ
vettura (f) con motore a scoppio
coche (m) con motor de explosión, automóvil (m) de gasolina

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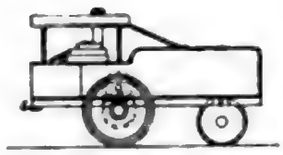
Dampfwagen (m)
steam car
voiture (f) à vapeur

паровой автомобиль (m)
vettura (f) a vapore
coche (m) de vapor

1

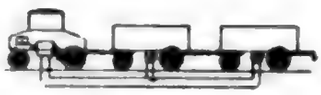
Dampfschlepper (m)
steam tractor
tracteur (m) à vapeur



паровой локомоторъ (m) *или* трактёръ
carro (m) rimorchiatore a vapore
tractor (m) de vapor

2

Straßenzug (m) mit Gruppenantrieb durch Elektromotoren
road train with individual electric drive
train (m) routier avec moteur électrique sur chaque voiture



дорожный поѣздъ (m) съ групповымъ приводомъ посредствомъ электромоторовъ
treno (m) stradale con comando a gruppi mediante elettromotori
tren (m) de carreteras con motor eléctrico en cada unidad

3

Zugwagen (m) mit mechanischem Antrieb
mechanically driven tractor
tracteur (m) à commande mécanique

локомоторъ (m) *или* трактёръ (m) съ механическимъ приводомъ
carro (m) rimorchiatore *o* trattore (m) con comando meccanico
tractor (m) de acción mecánica

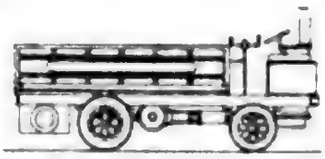
4

Zugwagen (m) mit gemischtem Antrieb
mixed drive tractor, auto mixt
tracteur(m)à commande mixte

локомоторъ (m) *или* трактёръ (m) со смѣшаннымъ приводомъ
trattore (m) con comando misto
tractor (m) de acción mixta

5

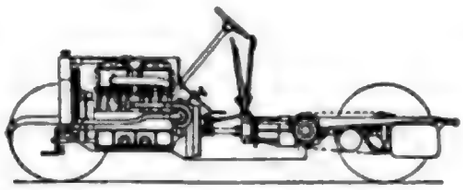
Dampflastwagen (m)
steam lorry
camion (m) à vapeur



паровой грузовикъ (m)
carro-trasporto (m) a vapore
camión (m) de vapor

6

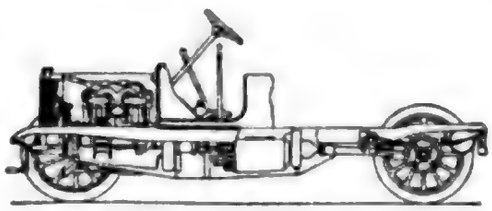
Kettenwagen (m)
chain driven car
automobile (m) à transmission par chaine



автомобиль (m) съ цѣпной передачей
vettura (f) *o* automobile (m) (con trasmissione) a catene
coche (m) con transmisión por cadenas

7

Kardanwagen (m)
line axle car
automobile (m) à [transmission par] cardan



автомобиль(m) съ карданной передачей
vettura (f) *o* automobile (m) (con trasmissione) a cardano
coche (m) con transmisión por cardan

8

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1 Motorwagen (m) mit Ritzelantrieb
motor car with pinion drive
automobile (m) à [transmission par] engrenages

автомобиль (m) съ шестерённой передачей
vettura (f) automobile con comando ad ingranaggi
automóvil (m) con transmisión por engranajes

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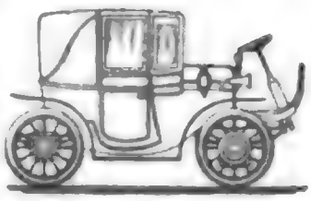
2 Elektromobil (n), Motorwagen (m) mit elektrischem Antrieb
electromobile, electrically operated motor car
voiture (f) électrique, voiture (f) à transmission électrique



электромобиль (m); автомобиль (m) съ электрическимъ приводомъ
vettura (f) elettrica, elettromobile (m)
coche (m) eléctrico, coche (m) con transmisión eléctrica

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3 Akkumulatorenwagen (m), Sammlerwagen (m)
accumulator *or* storage battery car
voiture (f) à accumulateurs

автомобиль (m) съ аккумуляторами
automobile (m) elettrico ad accumulatori
coche (m) con acumuladores

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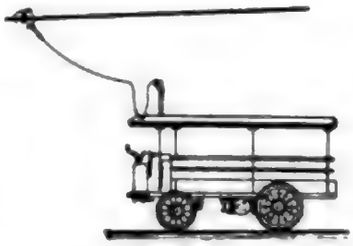
4 gleislose Bahn (f)
railless *or* trackless trolley system
voie(f) sans rails, tramway (m) (électrique) sur route (sans rails)



безрельсовая дорога (f)
via (f) senza binari
sistema (m) con trole y sin carriles, hilovia (f)

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5 elektrischer Motorwagen (m) mit Stromzuführung
trackless trolley car
voiture (f) à trolley sur route

электромобиль (m) съ воздушнымъ проводомъ
automobile (m) elettrico a filo aereo
coche (m) de trole para carreteras

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6 benzin-elektrischer Motorwagen (m), Motorwagen (m) mit gemischtem Antrieb
petrol electric car
voiture (f) pétroléo-électrique

бензино-электрическій автомобиль (m); автомобиль со смѣшаннымъ приводомъ; микстъ (m)
vettura (f) a benzina con trasmissione elettrica, vettura (f) benzo-elettrica *o* mista
coche (m) petróleo-eléctrico

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7 Druckluftmotorwagen (m)
compressed air motor car
voiture (f) à air comprimé

автомобиль (m), приводимый въ движеніе сжатымъ воздухомъ
vettura (f) con motore ad aria compressa
coche (m) de aire comprimido

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II.

Theorie — Теорія
Theory — Teoria
Théorie — Teoría

Verbrennungsmotoren **Internal Combustion Engines** **Moteurs à explosion**	**Двигатели внутренняго сгоранія** **Motori ad esplosione** **Motores de explosión**	1
Verbrennung (f) combustion combustion (f)	горѣніе (n); сгораніе (n) combustione (f) combustión (f)	2
verbrennen (v) to burn brûler (v)	сгорать; сгорѣть bruciare (v) quemar (v)	3
Verbrennungsvorgang (m), Verbrennungsprozeß (m) process of combustion marche (f) de la combustion, processus (m) de la combustion	процессъ (m) сгоранія *или* горѣнія processo (m) di combustione fenómeno (m) *ó* marcha (f) de la combustión	4
vollkommene Verbrennung (f) perfect combustion combustion (f) complète *ou* parfaite	полное горѣніе (n); совершенное сгораніе (n) combustione (f) completa *o* perfetta combustión (f) perfecta	5
unvollkommene Verbrennung (f) imperfect combustion combustion (f) imparfaite	неполное горѣніе (n); несовершенное сгораніе (n) combustione (f) incompleta *od* imperfetta combustión (f) imperfecta	6
Ruß (m) soot suie (f)	сажа (f); нагаръ (m); копоть (f) fuliggine (f) hollín (m)	7

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1	Verbrennungsprodukt (n) products (pl) of combustion produit (m) de [la] combustion	продуктъ (m) сгоранія *или* горѣнія prodotto (m) della combustione producto (m) de la combustión
2	Auspuffgas (n) burnt gas, flue gas, exhaust gas (A) gaz (m) brûlé, gaz (m) d'échappement	сгорѣвшій *или* отработавшій газъ (m) gas (m) di combustione gas (m) del escape ó de la combustión
3	unverbrennbar (adj) incombustible (adj) incombustible (adj)	несгораемый (m); несжигаемый incombustibile (agg) incombustible (adj)
4	Verbrennungsrückstände (m pl) residues (pl) of combustion, residual deposit résidus (m pl) de [la] combustion	остаточные продукты (m pl) сгоранія *или* горѣнія residui (m pl) della combustione residuos (m pl) de la combustión
5	brennbares Gas (n) combustible gas gaz (m) combustible	горючій газъ (m) gas (m) combustibile gas (m) combustible
6	theoretischer Luftbedarf (m) theoretical amount of air required quantité (f) d'air théoriquement nécessaire	теоретически необходимое количество (n) воздуха necessità (f) teoretica d'aria, quantità (f) d'aria teoricamente necessaria cantidad (f) de aire teóricamente necesaria
7	wirklicher *oder* praktischer Luftbedarf (m) actual amount of air required quantité (f) d'air pratiquement nécessaire	дѣйствительно *или* практически необходимое количество (n) воздуха necessità (f) pratica d'aria, quantità (f) d'aria praticamente necessaria cantidad (f) de aire prácticamente necesaria
8	Luftüberschuß (m) excess of air excès (m) d'air, air (m) en excès	избытокъ (m) воздуха eccesso (m) d'aria exceso (m) de aire
9	Explosionsgemisch (n) explosive mixture mélange (m) tonnant, mélange (m) explosif	взрывчатая смѣсь (f) miscela (f) esplosiva, miscuglio (m) esplosivo, gas (m) tonante mezcla (f) explosiva ó detonante

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Mischungsverhältnis (n) ratio of mixture, constituent proportions of mixture dosage (m) du mélange	отношеніе (n) объёмовъ [составныхъ частей] въ смѣси titolo (m) della miscela, rapporto (m) di miscela proporción (f) de la mezcla	1
Entflammbarkeit (f) inflammability inflammabilité (f)	воспламеняемость (f) infiammabilità (f) inflamabilidad (f)	2
Explosionsfähigkeit (f) explosiveness explosibilité (f)	взрывчатость (f) esplosibilità (f) explosibilidad (f)	3
Wärmeausnutzung (f) utilisation of heat utilisation (f) de [la] chaleur	использованіе (n) *или* утилизація (f) тепла utilizzazione (f) del calore utilización (f) del calor	4
Wärmeeinheit (f), Kalorie (f) calory thermal unit, unit of heat calorie (f), unité (f) thermique, unité (f) de chaleur	калорія (f); единица (f) теплоты unità (f) di calore, caloria (f) caloría (f), unidad (f) de calor	5
Wärmeaustausch (m) exchange of heat échange (m) thermique *ou* de chaleur	обмѣнъ (m) тепла scambio (m) di calore cambio (m) térmico	6
Wärmeübergang (m) transmission *or* passage of heat, transfer of heat transmission (f) de la chaleur	переходъ (m) тепла trasmissione (f) di calore, passaggio (m) del calore transmisión (f) del calor	7
Wärmestrahlung (f) radiation of heat rayonnement (m) *ou* radiation (f) de la chaleur	излученіе (n) тепла radiazione (f) *o* irradiamento (m) di calore radiación (f) del calor	8
Wärmeleitung (f) heat *or* thermal conduction conductibilité (f) calorifique	теплопроводность (f) conduzione (f) di calore conductibilidad (f) calorífico	9
mechanisches Wärmeäquivalent (n) mechanical equivalent of heat équivalent (m) mécanique de la chaleur	механическій эквивалентъ (m) тепла equivalente (m) meccanico del calore equivalente (m) mecánico del calor	10
Verbrennungsmotor (m) (Diesel) combustion motor, internal combustion engine moteur (m) à combustion [intérieure]	двигатель (m) внутренняго сгоранія motore (m) a combustione motor (m) de combustión	11

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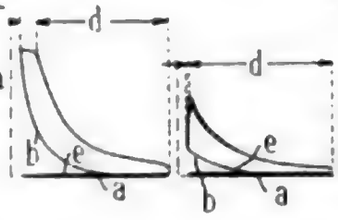
1	Explosionsmotor (m) explosion motor moteur (m) à explosion	двигатель (m), работающій вспышками; двигатель (m) взрывного типа motore (m) ad esplosione *od* a scoppio motor (m) de explosión
2	Viertaktmotor (m) four-stroke engine, four-stroke-cycle engine moteur (m) à quatre temps	четырёхтактный двигатель (m) *или* моторъ (m) motore (m) a quattro tempi *od* a quattro fasi motor (m) de cuatro tiempos
3	Arbeitspiel (n) cycle of action mouvement (m) *ou* courses (f pl) du piston	рабочій ходъ (m) corsa (f) dello stantuffo movimento (m) *ó* carreras (f pl) del émbolo
4	Arbeitsperiode (f) working period période (f) de travail	рабочій періодъ (m) periodo (m) di lavoro periodo (m) de trabajo
5	Ansaugen (n), Saugen (n) induction, suction aspiration (f)	всасываніе (n) aspirazione (f) aspiración (f)
6	verdichten (v), komprimieren (v) to compress comprimer (v)	сжимать comprimere (v) comprimir (v)
7	expandieren (v), sich ausdehnen (v) to expand se détendre (v)	расширяться espandersi (v), dilatarsi (v) dilatarse (v)
8	Auspuffen (n), Ausstoßen (n) exhausting, scavenging échappement (m)	выхлопъ (m); выпускъ (m) scarico (m), scappamento (m) escape (m), expulsión (f)
9	Saugperiode (f) suction *or* induction *or* intake period période (f) d'aspiration	всасывающій періодъ (m); періодъ всасыванія periodo (m) *o* fase (f) d'aspirazione periodo (m) de aspiración
10	Einlaßperiode (f) period of admission période (f) d'admission	періодъ (m) впуска periodo (m) d'ammissione periodo (m) de admisión
11	Saughub (m), Einströmungshub (m) induction *or* suction *or* admission stroke course (f) aspirante *ou* pendant l'aspiration	всасывающій ходъ (m) corsa (f) di aspirazione, corsa (f) di ammissione carrera (f) de aspiración



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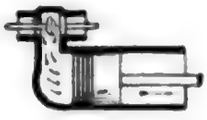

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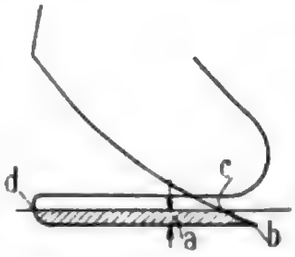
Saugwirkung (f) [des Arbeitskolbens] sucking action *or* effect of the piston action (f) aspirante du piston moteur	всасывающее дѣйствіе (n)[рабочаго поршня] azione (f) aspirante dello stantuffo acción (f) aspirante del émbolo	1
Luftverdünnung (f), Vakuum (n) formation of vacuum espace (m) vide d'air, formation (f) du vide	разрѣженіе (n) воздуха; образованіе (n) вакуума formazione (f) di vuoto *o* di vacuo espacio (m) privado de aire, formación (f) del vacío	2
Luftleere (f) vacuum vide (m)	безвоздушное пространство (n) vuoto (m), vacuo (m) vacío (m)	3
Unterdruck (m) depression pression (f) inférieure á celle de l'atmosphère, dépression (f)	разрѣженіе (n) depressione (f) presión (f) inferior á la presión atmosférica	4
ansaugen (v), saugen (v) to suck aspirer (v)	всасывать aspirare (v) aspirar (v)	5
einströmen (v) to flow in faire (v) irruption, affluer (v)	втекать entrare (v) entrar (v), afluir (v)	6
Ansaugspannung (f) suction *or* intake pressure pression (f) d'aspiration	давленіе (n) всасыванія pressione (f) di aspirazione presión (f) de aspiración	7
Saugwiderstand (m) resistance to suction résistance (f) à l'aspiration	сопротивленіе (n) при всасываніи resistenza (f) nell'aspirazione resistencia (f) á la aspiración	8
Ansaugearbeit (f) intake work travail (m) d'aspiration	работа (f) всасыванія lavoro (m) di aspirazione trabajo (m) de aspiración	9
Ansaugleistung (f) work of induction puissance (f) d'aspiration	мощность (f) всасыванія capacità (f) d'aspirazione capacidad (f) de aspiración	10
Einström[ungs]-geschwindigkeit (f) der Ladung inlet velocity of the charge vitesse (f) d'admission de la cylindrée	входная *или* впускная скорость (f) заряда velocità (f) di introduzione della miscela velocidad (f) de admisión de la carga	11



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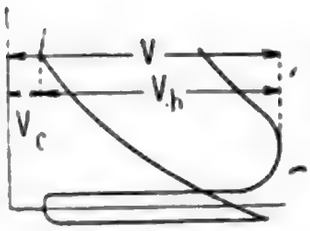
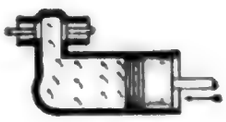
1	Gesamtvolumen (n), Zylinderinhalt (m) total volume, cylinder capacity, contents volume (m) total, volume (m) du cylindre	 V	полный объёмъ (m); объёмъ цилиндра volume (m) totale volumen (m) total
2	Hubvolumen (n) stroke volume *or* capacity cylindrée (f), volume (m) engendré pendant la course	V_h	объёмъ, (m) описанный поршнемъ; рабочій объёмъ цилиндра volume (m) della corsa volumen (m) de la embolada
3	Ladung (f) charge charge (f), cylindrée (f)		зарядъ (m) carica (f), cilindrata (f) embolado (f), cilindrada (f), carga (f)
4	Ansaugvolumen (n) intake *or* induction volume volume (m) aspiré		объёмъ (m) всасанной смѣси; объёмъ (m) всасыванія volume (m) dell'aspirazione volumen (m) aspirado
5	Abgasreste (m pl) remainder of exhaust gases résidus (m pl) de gaz brûlés		остатки (m pl) сгорѣвшихъ *или* отработавшихъ газовъ residui (m pl) dei gas bruciati residuos (m pl) de gases quemados
6	Ladungsverlust (m) (durch undichten Kolben) loss of charge (due to leaky piston) perte (f) de charge (due aux fuites du piston)		потеря (f) рабочей смѣси [вслѣдствіе неплотности поршня] perdita (f) di miscela *o* di compressione (per causa del pistone che non tiene) pérdida (f) de carga (por émbolo defectuoso)
7	volumetrischer Wirkungsgrad (m) volumetric efficiency rendement (m) volumétrique *ou* en volumes	η_v	объёмный коеффиціентъ (m) полезнаго дѣйствія grado (m) di rendimento volumetrico rendimiento (m) volumétrico
8	wirklich angesaugtes Volumen (n) actual volume of charge cylindrée (f) effective, volume (m) de gaz effectivement aspiré	$\eta_v \cdot V_h$	объёмъ (m) дѣйствительно всасанной смѣси volume (m) effettivo di miscela aspirata volumen (m) de la mezcla efectivamente aspirada
9	Verdichtungsperiode (f), Kompressionsperiode (f) compression period période (f) de compression		періодъ (m) сжатія periodo (m) di compressione período (m) de compresión

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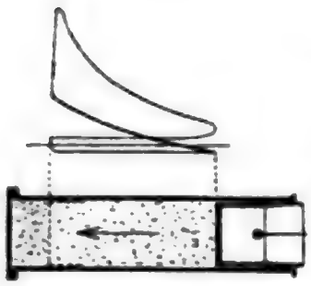
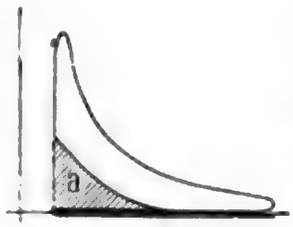
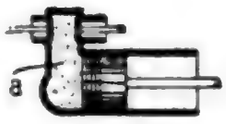
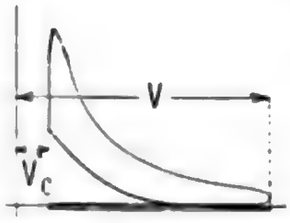
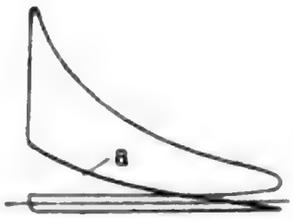
Verdichtungshub (m) compression stroke course (f) de compression		сжимающій ходъ (m) corsa (f) di compressione carrera (f) de compresión	1
Verdichtung (f), Kompression (f) compression compression (f)		сжатіе (n) compressione (f) compresión (f)	2
verdichtete Ladung (f) compressed charge quantité (f) du mélange comprimée		сжатая смѣсь (f) miscela (f) compressa mezcla (f) comprimida	3
Verdichtungsarbeit (f) compression work travail (m) de compression	 a	работа (f) сжатія lavoro (m) di compressione trabajo (m) de compresión	4
Verdichtungswiderstand (m) resistance to compression résistance (f) à la compression		сопротивленіе (n) при сжатіи resistenza (f) alla compressione resistencia (f) á la compresión	5
Verdichtungsraum (m), Kompressionsraum (m) compression space chambre (f) de compression	 a	пространство (n) сжатія camera (f) di compressione cámara (f) de compresión	6
Verdichtungsrauminhalt (m), Kompressionsvolumen (n) cubic capacity of compression chamber volume (m) de [la chambre de] compression	 V_c	объёмъ (m) пространства сжатія capacità (f) *o* volume (m) della camera di compressione volumen (m) de la cámara de compresión	7
Verdichtungsverhältnis (n), Kompressionsgrad (m) ratio *or* degree of compression degré (m) de compression	$\frac{V_c}{V_c + V_h} = \frac{V_c}{V}$	степень (f) сжатія rapporto (m) di compressione, grado (m) di compressione grado (m) de compresión	8
Verdichtungskurve (f), Kompressionskurve (f) compression curve courbe (f) de compression	 a	кривая (f) сжатія curva (f) di compressione curva (f) de compresión	9

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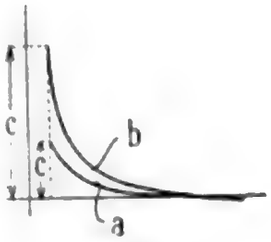
1	polytropische Verdichtung (f) polytropical compression compression (f) polytropique *ou* en plusieurs phases	политропическое сжатіе (n) compressione (f) politermica compresión (f) politrópica *ó* en diversas fases
2	isothermische Verdichtung (f) isothermal compression compression (f) isothermique	изотермическое сжатіе (n) compressione (f) isotermica compresión (f) isotérmica
3	adiabatische Verdichtung (f) adiabatic compression compression (f) adiabatique	адіабатическое сжатіе (n) compressione (f) adiabatica compresión (f) adiabática
4	Verdichtungsendspannung (f), Kompressionsendspannung (f) compression pressure, pressure at the end of compression stroke pression (f) finale de compression, degré (m) final de compression	конечное давленіе (m) сжатія pressione (f) finale di compressione presión (f) final de la compresión
5	Verdichtungsgrenze (f) limit of compression limite (f) de compression	предѣлъ (m) сжатія limite (m) di compressione límite (m) de la compresión
6	Verdichtungsverlust (m), Kompressionsverlust (m) loss of compression perte (f) de compression	потеря (f) на сжатіе perdita (f) di compressione pérdida (f) de compresión
7	Druckverlust (m) loss of pressure perte (f) de pression, chute (f) de pression	потеря (f) давленія perdita (f) di pressione pérdida (f) de presión
8	Verdichtungswärme (f), Kompressionswärme (f) heat of compression chaleur (f) de compression	теплота (f) сжатія calore (m) di compressione calor (m) de compresión
9	Explosionsperiode (f) explosion period période (f) d'explosion	періодъ (m) вспышки periodo (m) d'esplosione período (m) de explosión
10	Expansionsperiode (f) expansion period période (f) de détente *ou* d'expansion	періодъ (m) расширенія periodo (m) d'espansione período (m) de expansión



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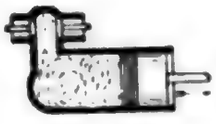

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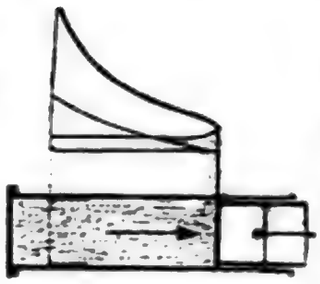

Verbrennungshub (m) expansion *or* explosion stroke, combustion stroke course (f) correspondante à la combustion	рабочій ходъ (m) при сгораніи [газа] corsa (f) di combustione *o* di espansione carrera (f) de combustión	*1*
Ausdehnungshub (m) expansion stroke course (f) pendant l'expansion *ou* de détente	рабочій ходъ (m) при расширеніи [газа] corsa (f) d'espansione carrera (f) de expansión	*2*
Arbeitshub (m) working stroke course (f) motrice	рабочій ходъ (m) corsa (f) utile *o* di lavoro carrera (f) de trabajo	*3*
Explosion (f) explosion explosion (f)	взрывъ (m) esplosione (f), scoppio (m) explosión (f)	*4*
Verpuffung (f) detonation, explosion déflagration (f), explosion (f)	вспышка (f) scarico (m), scappamento (m) detonación (f)	*5*
Verpuffungskraft (f), Explosionskraft (f) force of explosion force (f) d'explosion, puissance (f) explosive	сила (f) вспышки; сила взрыва forza (f) d'esplosione *o* di scoppio fuerza (f) de explosión	*6*
Arbeitsdruck (m) working pressure pression (f) motrice, effort (m) moteur	рабочее давленіе (n) sforzo (m) del motore, pressione (f) di lavoro presión (f) de trabajo, esfuerzo (m) motor	*7*
schleichende Verbrennung (f) slow combustion combustion (f) lente	медленное сгораніе (f) combustione (f) lenta combustión (f) lenta	*8*
Verbrennungsraum (m), Explosionsraum (m) combustion space *or* chamber chambre (f) d'explosion, chambre (f) de combustion	пространство (n) сгоранія; камера (f) воспламененія camera (f) di combustione, camera (f) di scoppio cámara (f) de combustión, cámara (f) de explosión	*9*
Verbrennungslinie (f), Verbrennungskurve (f) explosion curve, curve of working stroke (indicator diagram) courbe (f) de combustion	линія (f) *или* кривая (f) сгоранія linea (f) *o* curva (f) di combustione curva (f) de combustión	*10*

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1 Verbrennungstemperatur (f)
combustion temperature
température (f) de combustion

температура (f) сгоранія
temperatura (f) di combustione
temperatura (f) de combustión

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2 Explosionstemperatur (f)
explosion temperature
température (f) d'explosion

температура (f) вспышки
temperatura (f) d'esplosione
temperatura (f) de explosión

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3 Verbrennungsgeschwindigkeit (f), Brenngeschwindigkeit (f)
rate of combustion
rapidité (f) de la combustion

скорость (f) сгоранія
velocità (f) di combustione
velocidad (f) de la combustión

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4 Nachbrennen (n)
after-burning (of the charge)
combustion (f) retardée

послѣдующее сгораніе (n); догораніе (n)
combustione (f) ritardata
combustión (f) retardada

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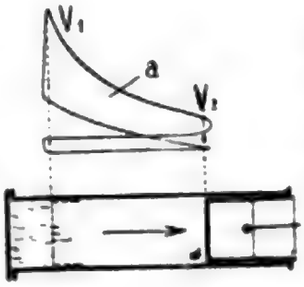
5 Expansion (f) *oder* Ausdehnung (f) der Verbrennungsgase
expansion of the combustion gases
détente (f) des gaz brûlés



расширеніе (n) продуктовъ сгоранія
espansione (f) dei gas di combustione
expansión (f) de los gases de la combustión

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6 Ausdehnungslinie (f), Expansionskurve (f)
expansion line *or* curve
courbe (f) de détente

a

линія (f) *или* кривая (f) расширенія
linea (f) *o* curva (f) di espansione
curva (f) de expansión

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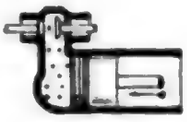
7 Auspuffperiode (f), Auslaßperiode (f)
exhausting period
période (f) d'échappement



выталкивающій періодъ (m); періодъ выпуска
periodo (m) *o* fase (f) di scarico *o* di scappamento
periodo (m) de escape

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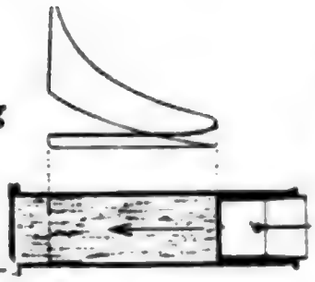

Auspuffhub (m), Ausström[ungs]hub (m) exhaust *or* scavenging stroke course (f) d'échappement	ходъ (m) выталкиванія *или* выпуска газовъ; выталкивающій ходъ corsa (f) di scappamento carrera (f) de escape	*1*
Auspuff (m), Ausschub (m) exhaust échappement (m)	выхлопъ (m); выпускъ (m); выталкиваніе (n) scappamento (m) escape (m)	*2*
auspuffen (v) to exhaust s'échapper (v)	выпускать; вытекать scaricare (v), scappare (v) escaparse (v)	*3*
Vorausströmung (f), Vorauslaß (m), Vorauspuff (m) opening of the exhaust in advance, exhaust lead avance (f) à l'échappement	предвареніе (n) выпуска; опереженіе (n) момента выпуска anticipazione (f) allo scappamento avance (m) al escape	*4*
Auspufftemperatur (f) temperature of exhaust température (f) d'échappement	температура (f) выпуска; выхлопная температура temperatura (f) dello scappamento *o* dei gas di scarico temperatura (f) de escape	*5*
Auspuffwiderstand (m) back pressure résistance (f) à l'échappement	сопротивленіе (n) выпуска *или* выхлопа resistenza (f) allo scappamento resistencia (f) al escape	*6*
Spülperiode (f) scavenging [and charging] period période (f) de balayage [et de remplissage]	періодъ (m) продуванія periodo (m) di lavaggio [e d'ammissione] periodo (m) de expulsión [y carga]	*7*
Ladeperiode (f) period of induction, charging period période (f) de remplissage	періодъ (m) заряда periodo (m) di caricamento periodo (m) de carga	*8*
Spülluft (f) scavenging air air (m) de balayage	воздухъ (m) для продуванія; продувочный воздухъ aria (f) di lavaggio aire (m) para barrer *ó* expulsar (los gases quemados)	*9*
Spülung (f) scavenging balayage (m)	продуваніе (n) lavaggio (m) expulsión (f) de los gases quemados	*10*

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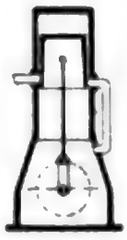
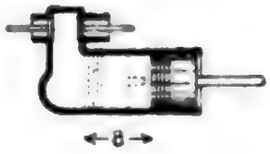
1	spülen (v), auswaschen (v) to scavenge, to scour balayer (v)		проду-ть (-вать) lavare (v) expulsar (v) los gases quemados
2	Schichtung (f) des Gases und der Luft stratification of gas and air stratification (f) du gaz et de l'air		распредѣленіе (n) слоевъ газа и воздуха stratificazione (f) del gas e dell'aria superposición (f) de las capas de aire y de gas
3	Triebwerk (n) driving gear mécanisme (m) de transmission, transmission (f)		передаточный механизмъ (m) meccanismo (m) di trasmissione mecanismo (m) de transmisión
4	oberer Totpunkt (m), obere Totlage (f) upper dead centre point (m) mort supérieur		верхняя мёртвая точка (f) punto (m) morto superiore punto (m) muerto superior
5	unterer Totpunkt (m), untere Totlage (f) lower dead centre point (m) mort inférieur		нижняя мёртвая точка (f) punto (m) morto inferiore punto (m) muerto inferior
6	Kurbelstellung (f) position of crank position (f) de la manivelle		положеніе (n) кривошипа posizione (f) della manovella posición (f) de la manivela
7	Kolbenweg (m) piston path *or* stroke course (f) du piston, chemin (m) parcouru par le piston	 a	путь (m), проходимый поршнемъ corsa (f) *o* percorso (m) dello stantuffo recorrido (m) del émbolo, carrera (f) del émbolo
8	Kolbengeschwindigkeit (f) piston speed vitesse (f) du piston		скорость (f) [движенія] поршня velocità (f) dello stantuffo velocidad (f) del émbolo
9	Beschleunigung (f) acceleration accélération (f)		ускореніе (n) accelerazione (f) aceleración (f)
10	Beschleunigungskraft (f), Beschleunigungsdruck (m) force of acceleration force (f) accélérative		сила (f) ускоренія forza (f) d'accelerazione fuerza (f) de aceleración

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Verzögerung (f) retardation retardation (f)	замедленіе (n) ritardo (m) detención (f), retardo (m)	1
Normaldruck (m) auf die Kolbenbahn pressure at right angles to the piston guide surface effort (m) normal aux glissières	нормальное давленіе (n) на направляющія поршня pressione (f) normale alla corsa dello stantuffo presión (f) normal sobre las resbaladeras	2
Massendruck (m) pressure due to inertia of the moving parts *or* masses pression (f) des masses, résistance (f) due à l'inertie	давленіе (n) по инерціи движущихся массъ; давленія (n pl), возникающія вслѣдствіе дѣйствія силъ инерціи при измѣненіи скорости движущихся частей pressione (f) (dovuta all'inerzia) delle masse resistencia (f) *ó* presión (f) debida á [la inercia de] las masas	3
Drehmoment (n) twisting moment, turning moment, torque moment (m) de rotation	крутящій *или* вращающій моментъ (m) momento (m) di rotazione momento (m) *ó* par (m) de rotación	4
hin- und hergehende Massen (f pl) reciprocating masses (pl) masses (f pl) à mouvement alternatif	массы (f pl), движущіяся взадъ и впередъ masse (f pl) a movimento alternativo masas (f pl) de movimiento alternativo	5
sich drehende Massen (f pl) rotating *or* revolving masses masses (f pl) tournantes *ou* en rotation	вращающіяся массы (f pl) masse (f pl) rotanti masas (f pl) rotatorias	6
Massenausgleich (m) balancing of the masses équilibrage (m) des masses	уравновѣшиваніе (n) массъ equilibrio (m) delle masse compensación (f) *ó* equilibrio (m) de las masas	7
ausgleichen (v), auswuchten (v), ausbalancieren (v) to balance, to equalise compenser (v), équilibrer (v)	уравновѣ-сить (-шивать) equilibrare (v) compensar (v), equilibrar (v)	8

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1	Druckwechsel (m) im Gestänge reversal of stress on the piston and connecting rod variation (f) de pression dans la bielle	перемѣна (f) давленія въ шатунѣ и въ штокѣ variazione (f) di pressione nella biella, cambiamento (m) di segno dello sforzo esercitantesi sulla biella variación (f) de los esfuerzos en las bielas ó en los vástagos
2	Umlaufzahl (f), Tourenzahl (f) number of revolutions nombre (m) de tours *ou* de révolutions	число (n) оборотовъ numero (m) di giri número (m) de vueltas ó de giros ó de revoluciones
3	Umdrehung (f) revolution tour (m), révolution (f)	оборотъ (m) giro (m), rivoluzione (f) vuelta (f), revolución (f)
4	Umdrehungsgeschwindigkeit (f) speed of revolutions vitesse (f) de rotation	скорость (f) вращенія velocità (f) di rotazione velocidad (f) de rotación
5	Umdrehungsrichtung (f) direction of rotation sens (m) *ou* direction (f) du mouvement de rotation	направленіе (n) вращенія direzione (f) di rotazione dirección (f) del movimiento de rotación
6	Umfang[s]geschwindigkeit (f) peripheral *or* circumferential speed vitesse (f) périphérique *ou* à la circonférence	окружная скорость (f) velocità (f) periferica velocidad (f) periférica
7	Umfangskraft (f) peripheral *or* circumferential force force (f) appliquée à la circonférence	сила (f) на окружности forza (f) periferica fuerza (f) aplicada á la circunferencia
8	Schwungmoment (n) moment of inertia of the flywheel, flywheel effect moment (m) d'inertie	моментъ (m) маховыхъ массъ momento (m) d'inerzia momento (m) de inercia
9	Gleichförmigkeitsgrad (m) degree of uniformity degré (m) *ou* coefficient (m) d'uniformité	степень (f) равномѣрности grado (m) d'uniformità grado (m) de uniformidad
10	Ungleichförmigkeitsgrad (m) degree of irregularity degré (m) *ou* coefficient (m) d'irrégularité	степень (f) неравномѣрности grado (m) d'irregolarità grado (m) de irregularidad
11	mechanischer Wirkungsgrad (m) mechanical efficiency rendement (m) mécanique	механическій коеффиціентъ (m) полезнаго дѣйствія grado (m) di rendimento meccanico rendimiento (m) mecánico

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thermischer Wirkungsgrad (m) thermal efficiency rendement (m) thermique	тепловой *или* термическій коеффиціентъ (m) полезнаго дѣйствія grado (m) di rendimento termico rendimiento (m) térmico	1
Reibung (f) friction frottement (m), friction (f)	треніе (n) attrito (m), frizione (f) rozamiento (m), fricción (f)	2
Reibungszahl (f) coefficient of friction coefficient (m) de frottement	коеффиціентъ (m) тренія coefficiente (m) d'attrito coeficiente (m) de fricción *ó* de rozamiento	3
Reibungsverlust (m) loss due to friction perte (f) par frottement	потеря (f) отъ тренія perdita (f) per attrito pérdida (f) por fricción *ó* por rozamiento	4
Arbeitsdiagramm (n) working diagram diagramme (m) de travail	діаграмма (f) работы diagramma (m) di lavoro diagrama (m) de trabajo	5
Indikatordiagramm (n) indicator diagram *or* chart diagramme (m) d'indicateur	индикаторная діаграмма (f) diagramma (m) dell'indicatore diagrama (m) del indicador	6
Indikator (m) indicator (m) indicateur (m)	индикаторъ (m) indicatore (m) indicador (m)	7
indizieren (v) to indicate relever (v) à l'indicateur	снять индикаторную діаграмму (n) rilevare (v) coll'indicatore determinar (v) con el indicador	8
Leistung (f) efficiency, output débit (m), effet (m), puissance (f)	мощность (f); производительность (f) potenza (f) potencia (f), efecto (m)	9
wirkliche *oder* effektive Leistung (f) effective output, actual efficiency puissance (f) effective, effet (m) utile	дѣйствительная мощность (f); эффективная производительность (f) potenza (f) effettiva potencia (f) efectiva, efecto (m) útil	10
Leistungsformel (f) horse power formula formule (f) de puissance	формула (f) мощности *или* производительности formola (f) della potenza *o* del rendimento fórmula (f) de la potencia	11

$$N_e = \frac{p_m \cdot F \cdot s \cdot n \cdot 2 \cdot i}{60 \cdot 75 \cdot 4}$$

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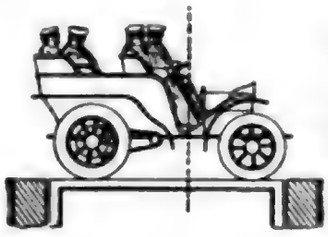
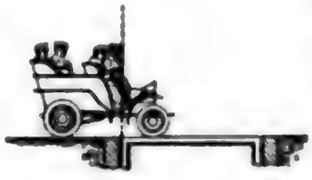
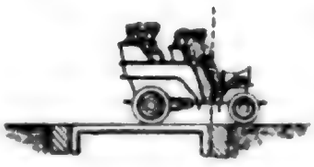
1	Steuerformel (f) horse power formula for determining state taxes formule (f) de puissance pour l'impôt	$N_e = 0{,}3\, i\, d^2 s$	формула (f) для исчисленія налога formola (f) della potenza agli effetti della tassazione formula (f) de la potencia para el impuesto
2	Eigengewicht (n) nett weight poids (m) net		собственный вѣсъ (m); вѣсъ нетто peso (m) proprio peso (m) propio
3	Leergewicht (n) weight when empty, tare poids (m) à vide		вѣсъ (m) порожнёмъ peso (m) a vuoto, tara (f) peso (m) en vacío
4	Betriebsgewicht (n) service weight, weight when loaded poids (m) en ordre de marche		служебный вѣсъ (m); вѣсъ въ рабочемъ состояніи peso (m) d'esercizio peso (m) en servicio
5	Gesamtgewicht (n) gross weight (with passenger's outfit), total weight loaded poids (m) brut, poids (m) total		общій вѣсъ (m); вѣсъ брутто peso (m) totale peso (m) bruto, peso (m) total
6	Nutzlast (f) useful load poids (m) utile		полезный вѣсъ (m); полезный грузъ (m) peso (m) utile peso (m) útil
7	Tragfähigkeit (f) carrying capacity capacité (f) de transport		подъёмная сила (f) portata (f) capacidad (f) de transporte
8	Ladefähigkeit (f) loading capacity capacité (f) de charge		грузовая вмѣстимость (f) capacità (f) di carico capacidad (f) de carga
9	Lastverteilung (f) distribution of load répartition (f) de la charge		распредѣленіе (n) нагрузки distribuzione (f) del carico distribución (f) de la carga
10	Vorderachsdruck (m) pressure on front axle charge (f) sur l'essieu avant		давленіе (n) на переднюю ось carico (m) sulla sala anteriore carga (f) sobre el eje delantero
11	Hinterachsdruck (m) pressure on rear axle charge (f) sur l'essieu arrière		давленіе (n) на заднюю ось carico (m) sulla sala posteriore carga (f) sobre el eje trasero

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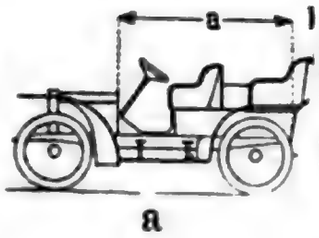

nutzbare Wagenlänge (f), »karossable Länge« (f) total length of carriage body longueur (f) totale de la partie carrossée		полная длина (f) кузова lunghezza (f) disponibile per la carrozzeria longitud (f) disponible para la caja	1
Belastung (f) pro Rad weight carried per wheel charge (f) par roue		нагрузка (f) на одно колесо *или* на каждое колесо carico (m) per ruota carga (f) por rueda	2
zulässiger Raddruck (m) der Antriebsräder permissible pressure on driving wheels charge (f) admissible sur les roues motrices		допустимое давленіе (n) на ведущія колёса carico (m) ammissibile sulle ruote motrici carga (f) admisible sobre las ruedas motrices	3
Zugkraft (f) tractive effort (A) effort (m) de traction		сила (f) тяги sforzo (m) di trazione esfuerzo (m) de tracción	4
Wagenkilometer (n) carriage kilometer (mile) voiture-kilomètre (f)		автомобиль-километръ (m) vettura-chilometro (f) coche-kilómetro (m)	5
Tonnenkilometer (n) ton kilometer (mile) tonne (f) kilométrique, tonne-kilomètre (f)		тонно-километръ (m) tonnellata-chilometro (f) tonelada-kilómetro (f)	6
Nutztonnenkilometer (n) useful ton kilometer (mile) tonne (f) kilométrique utile		полезный тонно-километръ (m) tonnellata-chilometro (f) utile tonelada-kilómetro (f) útil	7
Tonne (f) ton tonne (f)	t = 1000 kg	тонна (f) tonnellata (f) tonelada (f)	8
Kilogramm (n) kilogram kilogramme (m)	kg	килограммъ (m) chilogramma (m) kilogramo (m)	9
Kilogrammeter (n), Meterkilogramm (n) meter-kilogram kilogrammètre (m)	kgm	килограммометръ (m) chilogrammetro (m) kilográmetro (m)	10
Stundenpferdekraft (f) horse power hour cheval-heure (m), chev-h		лошадиная сила (f) въ часъ cavallo-ora (m) caballo-hora (m)	11
Steigungsfähigkeit (f) hill climbing capacity puissance (f) sur rampe		способность (f) брать подъёмы capacità (f) di salita potencia (f) sobre pendiente	12

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1	Geschwindigkeit (f) pro Stunde speed per hour vitesse (f) à l'heure	скорость (f) въ часъ velocità (f) all'ora velocidad (f) por hora
2	Aktionsradius (m), Fahrbereich (m) radius of action rayon (m) d'action	радіусъ (m) дѣйствія; наибольшій пробѣгъ (m) raggio (m) d'azione radio (m) de acción
3	**Betriebstoff** **Driving *or* Running Material** **Produits servant à l'alimentation des moteurs**	**Топлива для двигателей** **Materia motrice** **Productos para la alimentación del motor**
4	Brennstoff (m), Brennmaterial (n) fuel combustible (m)	горючее (n); горючее вещество (n); топливо (n) combustibile (m) combustible (m)
5	Brennstoffverbrauch(m) consumption of fuel consommation (f) *ou* dépense (f) de combustible	расходъ (m) горючаго *или* топлива consumo (m) di combustibile consumo (m) de combustible
6	Naphthalin (n) naphthaline naphtaline (f)	нафталинъ (m) naftalina (f) naftalina (f)
7	Rohpetroleum (n), Naphtha (n), Erdöl (n) crude petroleum pétrole (m) brut	сырой *или* неочищенный керосинъ (m) petrolio (m) greggio petróleo (m) bruto
8	Rohöl (n) crude *or* rock oil huile (f) brute	нефть (f) olio (m) greggio *o* crudo aceite (m) bruto
9	Öldestillat (n) distillate of mineral oil produit (m) de distillation de pétrole	дестиллатъ (m) *или* перегонъ (m) *или* погонъ (m) нефти prodotto (m) della distillazione del petrolio producto (m) de la destilación del petróleo
10	Solaröl (n) solar oil, mineral oil huile (f) solaire	соляровое масло (n) olio (m) solare aceite (m) solar
11	Petroleum (n) petroleum, kerosene oil (A) pétrole (m)	керосинъ (m) petrolio (m), olio (m) minerale petróleo (m)

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Motorpetroleum (n) motor petrol pétrole(m) pour moteurs		керосинъ (m) для двигателей petrolio (m) per motori petróleo (m) para motores	1
schwerflüchtig (adj) heavy, non-volatile peu volatil (adj)		слабо летучій pesante (agg), poco volatile (agg) poco volátil (adj)	2
Petroleumgeruch (m) smell of petrol odeur (f) de pétrole		запахъ (m) керосина odore (m) di petrolio olor (m) de petróleo	3
Petroleumäther (m) petroleum spirit éther (m) de pétrole		тяжёлый петролейный эфиръ (m); петролейная эссенція (f); нефтяной эфиръ; петролейный эфиръ (m) etere (m) di petrolio éter (m) de petróleo	4
Ligroin (n) ligroine ligroïne (f)		лигроинъ (m) ligroina (f) ligroina (f)	5
leichtflüchtig (adj) volatile très volatil (adj)		сильно летучій leggiero (agg), molto volatile (agg) muy volátil (adj)	6
leichter (schwerer) Kohlenwasserstoff (m) light (heavy) hydrocarbon hydrocarbure (m) léger (lourd)		лёгкій (тяжёлый) углеводородъ (m) idrocarburo (m) leggiero (pesante) hidrocarburo (m) ligero (pesado)	7
Rohnaphtha (n) crude naphtha naphte (m) brut		сырая нефть (f) nafta (f) greggia nafta (f) bruta	8
Benzin (n) petrol, gasoline (A) benzine (f), essence (f)		бензинъ (m) benzina (f) bencina (f), esencia (f)	9
Leichtbenzin (n) light petrol essence (f) légère		лёгкій бензинъ (m) essenza (f) leggiera (di petrolio), benzina (f) leggiera esencia (f) ligera	10
Mittelbenzin (n) medium heavy petrol essence (f) moyenne	0,675 ÷ 0,72	средній бензинъ (m) essenza (f) di densità media esencia (f) media	11
Schwerbenzin (n) heavy petrol essence (f) lourde		тяжёлый бензинъ (m) essenza (f) pesante esencia (f) pesada	12
Benzol (n) benzene, benzole benzol (m)		бензолъ (m) benzolo (m) benzol (m)	13

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1	Rohbenzol (n) crude benzene *or* benzole benzol (m) brut	неочищенный бензолъ (m) benzolo (m) greggio benzol (m) bruto
2	gewaschenes Benzol (n), Waschbenzol (n), Handelsbenzol (n) commercial benzene *or* benzole benzol (m) du commerce	очищенный бензолъ (m); продажный бензолъ benzolo (m) del commercio benzol (m) refinado
3	Xylol (n) xylote xylol (m)	ксилолъ (m) xylolo (m) xilol (m)
4	Toluol (n) toluol toluol (m)	толуолъ (m) toluolo (m) toluolo (m)
5	Ergin (n) ergine ergine (f)	эргинъ (m) ergina (f) ergina (f)
6	Gasolin (n) gasoline gasoline (f)	газолинъ (m) gasolina (f) gasolina (f)
7	Alkohol (m), Weingeist (m) alcohol, spirit, spirits of wine alcool (m)	алкоголь (m); винный спиртъ (m) alcool (m), spirito (m) alcohol (m)
8	Spiritus (m) alcohol esprit (m) de vin	спиртъ (m) spirito (m) espíritu (m), alcohol (m) vínico
9	denaturierter Spiritus (m) dénaturated alcohol, methylated spirit alcool (m) dénaturé	денатурированный спиртъ (m); денатуратъ (m) spirito (m) denaturato alcohol (m) desnaturalizado
10	denaturieren (v) to denaturate dénaturer (v)	денатурировать denaturare (v) desnaturalizar (v)
11	karburierter Spiritus (m) carburetted alcohol, carburine alcool (m) carburé	карбурированный спиртъ (m) spirito (m) carburato alcohol (m) carburado
12	Motorenspiritus (m) motor spirit alcool (m) pour moteurs	спиртъ (m) для двигателей spirito (m) per motori alcohol (m) para motores
13	Spiritus mit Benzol karburieren (v) to carburet alcohol with benzole carburer (v) l'alcool avec du benzol	карбурировать спиртъ бензоломъ carburare (v) lo spirito con benzolo carburar (v) el alcohol con benzol

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Teeröl (n)
tar oil
huile (f) de goudron

дёготь (m); гудронъ (m)
olio (m) di catrame
aceite (m) de alquitrán
1

Destillat (n), Destillationsprodukt (n)
product of distillation, distillate
produit (m) de distillation, distillatum (m), distillé (m)

продуктъ (m) сухой перегонки; продуктъ перегонки; дестиллятъ (m)
prodotto (m) di distillazione, distillato (m)
producto (m) de destilación
2

Benzin verdunsten lassen (v)
to let petrol evaporate
laisser (v) se volatiliser (v) *ou* laisser (v) s'évaporer (v) l'essence [de benzine]

дать бензину улетучиться *или* испариться
lasciare evaporare (v) la benzina
evaporar (v) la esencia
3

Dichtigkeit (f) des Benzins
density of petrol
densité (f) de l'essence

плотность (f) бензина
densità (f) della benzina
densidad (f) de la esencia
4

Densimeter (n), Dichtigkeitsmesser (m)
densimeter
densimètre (m)

дензиметръ (m); приборъ (m) для измѣренія плотности тѣла
densimetro (m)
densimetro (m)
5

Benzinprobe (f)
petrol test
essai (m) d'essence

проба (f) бензина
prova (f) di benzina
ensayo (m) de la esencia
6

Benzindämpfe (m pl)
petrol vapour
vapeurs (f pl) d'essence

пары (m pl) бензина
vapori (m pl) di benzina
vapores (m pl) de esencia
7

Wasserdampf (m)
steam
vapeur (f) d'eau

водяной паръ (m)
vapore (m) d'acqua
vapor (m) de agua
8

Sattdampf (m), gesättigter Dampf (m)
saturated steam
vapeur (f) saturée

насыщенный паръ (m)
vapore (m) saturo
vapor (m) saturado
9

Naßdampf (m), nasser Dampf (m)
wet steam
vapeur (f) humide

сырой паръ (m)
vapore (m) umido
vapor (m) húmedo
10

Heißdampf (m), überhitzter Dampf (m)
superheated steam
vapeur (f) surchauffée

перегрѣтый паръ (m)
vapore (m) surriscaldato
vapor (m) recalentado
11

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1	Gas (n), Leuchtgas (n) gas, illuminating gas gaz (m)		свѣтильный газъ (m) gas (m) gas (m)
2	Gasgenerator (m) gas producer gazogène (m), générateur (m) de gaz		генераторъ (m) газа; газовый генераторъ gasogeno (m), generatore (m) di gas gasógeno (m), generador (m) de gas
3	**Material** **Material** **Matériaux**		**Матеріалъ** **Materiali** **Materiales**
4	Materialbeanspruchung (f) stress on material charge (f) *ou* effort (m) *ou* travail (m) des matériaux		напряженіе (n) матеріала sforzo (m) dei materiali esfuerzo (m) *ó* trabajo (m) del material
5	Festigkeit (f) strength résistance (f)		прочность (f) resistenza (f) resistencia (f)
6	zulässige Beanspruchung (f) permissible stress effort (m) admis en pratique		допускаемое напряженіе (n) *или* усиліе (n) sforzo (m) ammissibile esfuerzo (m) admisible *ó* admitido en la práctica
7	ruhende *oder* konstante Belastung (f) constant load charge (f) statique *ou* constante	$P = \text{const.}$	постоянная нагрузка (f) carico (m) statico *o* costante carga (f) permanente *ó* constante
8	pulsierende Belastung (f) pulsating *or* variable load, live load charge (f) due à des efforts alternants	$P = 0 \ldots \infty$	мѣняющаяся нагрузка (f); колеблющаяся нагрузка carico (m) pulsatorio carga (f) debida á esfuerzos periódicos
9	wechselnde Belastung (f) alternating stress (load) charge (f) alternante [*ou* agissant alternativement en sens inverse]	$P = +\infty \ldots 0 \ldots -\infty$	перемѣнная нагрузка (f) carico (m) variabile carga (f) alternativa *ó* de acción alternativa
10	Spannung (f) tension tension (f)	 $\sigma = \frac{P}{F}$	напряженіе (n) tensione (f) tensión (f)

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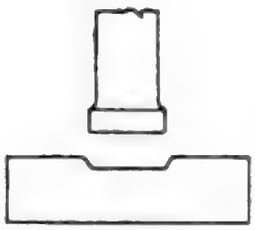
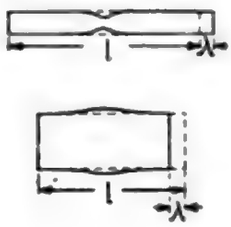
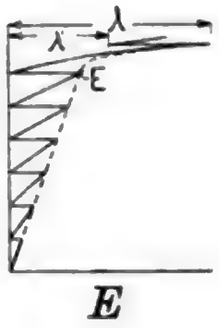
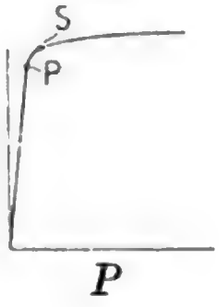
Formänderung (f) deformation déformation (f)		деформація (f) deformazione (f) deformación (f)	1
Formänderungsarbeit (f) work done in deformation travail (m) de déformation		работа (f) деформаціи lavoro (m) di deformazione trabajo (m) de deformación	2
Längenänderung (f) alteration of length changement (m) de longueur		продольное измѣненіе (n); измѣненіе (n) длины cambiamento (m) di lunghezza cambio (m) ó alteración (f) de longitud	3
Dehnung (f) elongation allongement (m) (par unité de longueur)	$\varepsilon = \frac{\lambda}{l}$	[относительное] удлиненіе (n) allungamento (m) alargamiento (m)	4
Dehnungskoeffizient (m), Dehnungszahl (f) coefficient of elongation coefficient (m) d'allongement	$\alpha = \frac{\varepsilon}{\sigma}$	коеффиціентъ (m) удлиненія *или* растяженія coefficiente (m) d'allungamento coeficiente (m) de alargamiento	5
Elastizitätsmodul (m), Elastizitätszahl (f) modulus of elasticity, Young's modulus module (m) *ou* coefficient (m) d'élasticité	$E = \frac{1}{\alpha}$	модуль (m) упругости modulo (m) *o* coefficiente (m) d'elasticità módulo (m) de elasticidad	6
Elastizität (f) elasticity élasticité (f)		упругость (f) elasticità (f) elasticidad (f)	7
Elastizitätsgrenze (f) elastic limit, limit of elasticity, lower yield point limite (f) d'élasticité		предѣлъ (m) упругости limite (m) d'elasticità límite (m) de elasticidad	8
Proportionalitätsgrenze (f), Stetigkeitsgrenze (f) limit of proportional extension limite (f) de proportionnalité		предѣлъ (m) пропорціональности *или* упругихъ измѣненій limite (m) di proporzionalità límite (m) de proporcionalidad ó de alargamientos proporcionales	9

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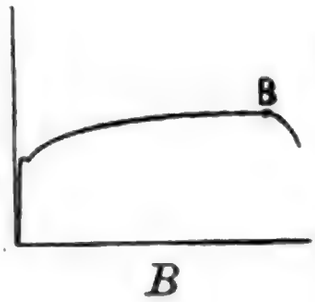
1	Streckgrenze (f) yield point, upper yield point, ductile limit limite (f) d'étirage *ou* d'écoulement	S	предѣлъ (m) текучести limite (m) di stiramento límite (m) de estiramiento
2	Fließgrenze (f) flow limit limite (f) d'étirage *ou* d'écoulement		предѣлъ (m) текучести limite (m) di stiramento, limite (m) di resistenza alla trazione límite (m) de estiramiento
3	Bruchlast (f), Bruchbelastung (f) maximum breaking load charge (f) de rupture		разрывное *или* разрушающее усилие (n); разрушающая *или* разрывающая нагрузка (f) carico (m) di rottura carga (f) de rotura
4	Zug (m) pull, tension traction (f)		растяженіе (n) trazione (f) tracción (f)
5	Zugfestigkeit (f) resistance to tensile stress, tensile strength résistance (f) à la traction		сопротивленіе (n) растяженію *или* разрыву; прочность (f) на растяженіе *или* на разрывъ resistenza (f) alla trazione resistencia (f) á la tracción
6	Zugbeanspruchung (f) tensile stress effort (m) de traction (subi)		нагрузка (f) отъ растяженія *или* на растяженіе; подвергнуть растяженію sforzo (m) di trazione esfuerzo (m) de tracción
7	Zugkraft (f) tensile force *or* load force (f) de traction (appliquée), force (f) agissant par traction	P	растягивающая сила (f); растягивающее усиліе (n) forza (f) di trazione fuerza (f) de tracción
8	Zugspannung (f) intensity of tensile stress, tension tension (f) de traction *ou* développée par traction	$\sigma_z = \frac{P}{F}$	напряженіе (n) отъ растяженія *или* при растяженіи tensione (f) di trazione tensión (f) de tracción
9	Druck (m) pressure, compression compression (f), pression (f)		сжатіе (n) compressione (f), pressione (f) compresión (f), presión (f)

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Druckfestigkeit (f) compressive *or* compression strength, resistance to compressive stress *or* compression résistance (f) à la compression		сопротивленіе (n) сжатію; прочность (f) на сжатіе resistenza (f) alla compressione resistencia (f) á la compresión	1
Druckbeanspruchung (f) crushing stress, comcompressive stress effort (m) de compression (subi)		нагрузка (f) отъ сжатія *или* на сжатіе; подвергнуть сжатію sforzo (m) di compressione esfuerzo (m) de compresión	2
Druckkraft (f) compressive force *or* load, force of compression [force (f) de] compression (f) (appliquée)	P	сжимающая сила (f); сжимающее усиліе (n); сила сжатія forza (f) di compressione fuerza (f) de compresión	3
Druckspannung (f) intensity of compressive stress *or* compression tension (f) de compression *ou* développée par compression, compression (f) par unité de surface	$\sigma_d = \frac{P}{F}$	напряженіе (n) отъ сжатія tensione (f) di compressione tensión (f) debida á la compresión	4
Biegung (f) bending, flexure flexion (f)		изгибъ (m) flessione (f) flexión (f)	5
Biegungsfestigkeit (f), Biegefestigkeit (f) bending *or* transverse strength résistance (f) à la flexion		сопротивленіе (n) изгибу; прочность (f) на изгибъ resistenza (f) alla flessione resistencia (f) á la flexión	6
Biegungsbeanspruchung (f), Biegebeanspruchung (f) bending *or* transverse stress effort (m) de flexion (subi)		нагрузка (f) отъ изгиба *или* на изгибъ; подвергнуть изгибу sforzo (m) di flessione esfuerzo (m) de flexión	7
Biegungsmoment (n), Biegemoment (n) bending moment moment (m) fléchissant *ou* de flexion	$P \cdot a$	изгибающій моментъ (m); моментъ изгиба momento (m) flettente momento (m) de flexión	8
Widerstandmoment (n) moment of resistance moment (m) résistant *ou* de résistance	W	моментъ (m) сопротивленія momento (m) resistente *o* di resistenza momento (m) de resistencia *ó* resistente	9

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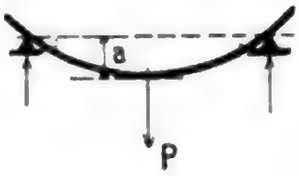
1	Biegungsspannung (f), Biegespannung (f) intensity of stress due to bending tension (f) de flexion *ou* développée par flexion, flexion (f) par unité de surface	$\sigma_b = \frac{P \cdot a}{W}$	напряженіе (n) при изгибѣ tensione (f) di flessione tensión (f) debida á la flexión
2	Durchbiegung (f) deflection flèche (f)		прогибъ (m) freccia (f) flecha (f), flexión (f)
3	Pfeilhöhe (f) camber, height *or* pitch of camber [hauteur (f) de] flèche (f)	a	стрѣла (f) прогиба altezza (f) della freccia [altura (f) de] flecha (f)
4	Knickung (f) lateral flexure, bending produced by axial compression, collapse flambage (m), flexion (f) axiale par compression		продольный изгибъ (m) inflessione (f) (di solidi caricati in punta) flexión (f) lateral ó de pieza comprimida según su eje
5	Knickfestigkeit (f) resistance to axial compression résistance (f) au flambage		прочность (f) на продольный изгибъ; сопротивленіе (n) продольному изгибу resistenza (f) alla inflessione resistencia (f) á la compresión según el eje de la pieza
6	Knickbeanspruchung (f) stress due to axial compression *or* lateral flexure effort (m) de compression axiale (subi)		нагрузка (f) отъ продольнаго изгиба *или* на продольный изгибъ sforzo (m) d'inflessione esfuerzo (m) de compresión según el eje de la pieza
7	Knickspannung (f) intensity of stress due to axial compression tension (f) développée par la compression axiale		напряженіе (n) при продольномъ изгибѣ; напряженіе при изгибѣ отъ сжатія tensione (f) d'inflessione tensión (f) debida á la compresión según el eje de la pieza
8	Schub (m) shear cisaillement (m)		сдвигъ (m); срѣзъ (m) taglio (m), recisione (f) cortadura (f)

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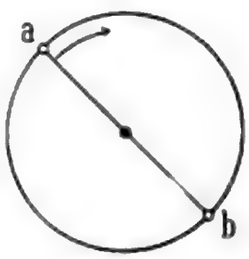
Schubfestigkeit (f), Scherfestigkeit (f) shear *or* shearing strength, resistance to shearing stress résistance (f) au cisaillement		сопротивленіе (n) сдвигу *или* срѣзу; прочность (f) на сдвигъ *или* на срѣзъ resistenza (f) al taglio *o* alla recisione resistencia (f) al esfuerzo cortante ó al desgarramiento	1
Schubbeanspruchung (f), Scherbeanspruchung (f) shearing stress effort (m) tranchant *ou* de cisaillement		нагрузка (f) отъ сдвига *или* на срѣзъ; подвергнуть сдвигу; подвергнуть сдвигающему *или* срѣзывающему усилію sforzo (m) di taglio esfuerzo (m) cortante	2
Schubkraft (f) shearing force effort (m) extérieur tranchant *ou* de cisaillement, force (f) de cisaillement	P	сдвигающее *или* срѣзывающее усилие (n) forza (f) tagliente *o* di recisione fuerza (f) cortante	3
Schubspannung (f) intensity of shearing stress tension (f) de cisaillement	$\tau = \frac{P}{F}$	напряженіе (n) отъ сдвига *или* отъ срѣза tensione (f) di recisione tensión (f) debida al esfuerzo cortante	4
Schubkoeffizient (m), Schubzahl (f) coefficient of shear coefficient (m) de cisaillement	$\beta = \frac{\gamma}{\tau} = \frac{1}{G}$	коеффиціентъ (m) сдвига *или* срѣзыванія coefficiente (m) *o* modulo (m) di taglio *o* di recisione coeficiente (m) para el esfuerzo cortante	5
Gleitmodul (m), Schubelastizitätsmodul (m) transverse modulus of elasticity in shear, modulus of rigidity module (m) *ou* coefficient (m) de cisaillement	$G = \frac{1}{\beta}$	модуль (m) упругости при сдвигѣ *или* при срѣзываніи modulo (m) di scorrimento módulo (m) de elasticidad para el esfuerzo cortante	6
Drehung (f), Verdrehung (f), Torsion (f) torsion, twist torsion (f)		крученіе (n); скручиваніе (n) torsione (f) torsión (f)	7
Drehung (f), Umdrehung (f) revolution rotation (f), tour (m), révolution (f)		оборотъ (m) rotazione (f), giro (m) rotación (f), vuelta (f), giro (m)	8

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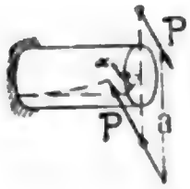
1	Drehfestigkeit (f), Torsionsfestigkeit (f) torsional strength résistance (f) à la torsion		прочность (f) на кручеиіе; сопротивленіе (n) скручиванію resistenza (f) alla torsione resistencia(f) á la torsión
2	Drehbeanspruchung (f), Torsionsbeanspruchung (f) torsional stress, torsional load effort (m) de torsion (subi)		нагрузка (f) отъ скручиванія; нагрузка на скручиваніе sforzo (m) di torsione esfuerzo (m) de torsión
3	Drehkraft (f), Torsionskraft (f) torque effort (m) de torsion [exercé sur un corps], force (f) de torsion extérieure	P	скручивающее *или* крутящее усилие (n); сила (f) крученія *или* скручиванія forza (f) di torsione *o* torcente fuerza (f) de torsión
4	Drehmoment (n), Torsionsmoment (n) twisting moment, moment of torsion moment (m) de torsion	Pa	скручивающій *или* крутящій моментъ (m); моментъ крученія momento (m) di torsione momento (m) de torsión
5	Drehspannung (f), Torsionsspannung (f) intensity of torsional stress tension (f) de torsion *ou* développée par la torsion		напряженіе (n) при крученіи *или* при скручиваніи tensione (f) di torsione tensión (f) debida á la torsión
6	Verdrehungswinkel (m), Torsionswinkel (m) angle of torque angle (m) de torsion	α	уголъ (m) при крученіи *или* при скручиваніи angolo (m) di torsione ángulo (m) de torsión
7	Rohstoff, (m), Rohmaterial (n) raw material matériaux (m pl) bruts, matières (f pl) premières		сырой матеріалъ (m); сырьё (n) materiali (m pl) greggi materias (f pl) brutas
8	Struktur (f) structure structure (f)		структура (f); строеніе (n) struttura (f) estructura (f)
9	Eisen (n) iron fer (m)	*Fe*	желѣзо (n) ferro (m) hierro (m)
10	Gußeisen (n) cast iron fonte (f) moulée		чугунъ (m) ghisa (f) hierro (m) fundido *ó* colado, fundición (f) de hierro

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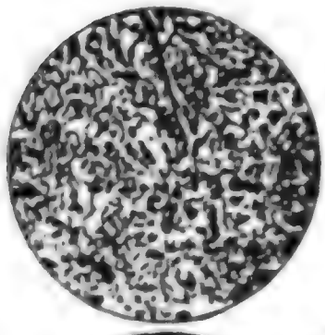
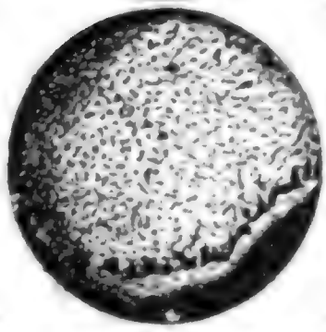


Stahlguß (m)
cast steel
acier (m) coulé

стальное литьё (n);
стальная отливка (f)
acciaio (m) fuso
acero (m) colado ó fundido

1



schmiedbarer Guß (m)
malleable cast iron, annealed cast iron
fonte (f) malléable ou forgeable

ковкій чугунъ (m)
ghisa (f) malleabile
fundición (f) maleable, hierro (m) fundido maleable

2

Temperguß (m)
malleable cast iron
fonte (f) doucie

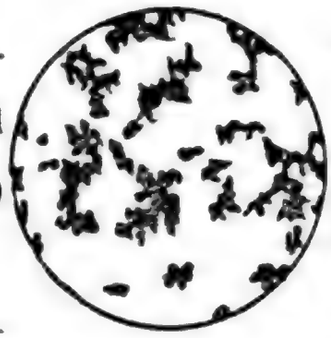
отливка (f), обжигаемая для придаванія ей ковкости
ghisa (f) malleabile
fundición (f) dulce

3

Schmiedeeisen (n)
wrought iron, [malleable iron]
fer (m) forgeable

мягкое ковкое желѣзо (n)
ferro (m) fucinabile o fucinato
hierro (m) forjable

4



Flußeisen (n), Feinkorneisen (n)
mild steel, structural steel
fer (m) fondu, acier (m) doux, acier (m) à grain fin

литое желѣзо (n);
сталеватое мелкозернистое желѣзо (n) [съ мелкозернистымъ изломомъ]
ferro (m) fuso
acero (m) dulce ó de grano fino

5

Stahl (m)
steel
acier (m)

сталь (f)
acciaio (m)
acero (m)

6

Einsatzmaterial (n) (z. B. Nickelstähle)
alloy
acier (m) spécial

спеціальная сталь (f)
materiale (m) di lega
acero (m) especial

7

Stahl einsetzen (v)
to insert steel
fabriquer (v) un acier spécial

сплавить со сталью
aggiungere (v) dell'acciaio
fabricar (v) un acero especial

8

härtbarer Stahl (m)
steel capable of being hardened
acier (m) pouvant être trempé

сталь (f), поддающаяся закалкѣ
acciaio (m) temperabile
acero (m) de templar

9

Gußstahl (m)
cast steel
acier (m) coulé

литая сталь (m)
acciaio (m) fuso
acero (m) colado

10

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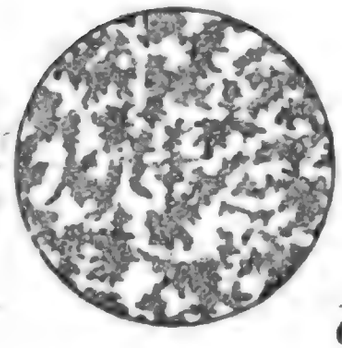

Flußstahl (m)
hard *or* ingot steel
1 acier (m) fondu [homogène], acier (m) homogène, acier (m) de fusion

литая сталь (f)
acciaio (m) fuso
acero (m) fundido

Bessemerstahl (m)
2 Bessemer steel
acier (m) Bessemer

бессемеровская сталь (f)
acciaio (m) Bessemer
acero (m) Bessemer

Siemens-Martinstahl (m)
3 Siemens-Martin steel
acier (m) Siemens-Martin

мартеновская сталь (f); сименсъ-мартеновская сталь
acciaio (m) Siemens-Martin
acero (m) Siemens-Martin

Tiegelstahl (m)
4 crucible steel
acier (m) au creuset

тигельная сталь (f)
acciaio (m) fuso in crogiuoli
acero (m) al crisol

Nickelstahl (m)
5 nickel steel
acier (m) au nickel

никкелевая сталь (f)
acciaio (m) al nichel
acero (m) níquel

Chrom-Nickelstahl (m)
6 chrome-nickel steel
acier (m) nickel-chrome

хромо-никкелевая сталь (f)
acciaio (m) al nichel cromato
acero (m) níquel-cromo

Wolframstahl (m)
7 wolfram *or* tungsten steel
acier (m) au tungstène

вольфрамовая сталь (f)
acciaio (m) al tungsteno
acero (m) al tungsteno

Vanadiumstahl (m)
8 vanadium steel
acier (m) au vanadium

ванадіевая сталь (m)
acciaio (m) al vanadio
acero (m) al vanadio

Werkzeugstahl (m)
9 tool steel
acier (m) pour outils

инструментальная сталь (f)
acciaio (m) per utensili
acero (m) para herramientas

gezogener Stahl (m), gezogenes Material (n)
drawn steel
10 acier (m) tréfilé, acier (m) étiré, métal (m) étiré *ou* passé à la filière

тянутая сталь (f); тянутый матеріалъ (m)
acciaio (m) tirato *o* trafilato
acero (m) estirado

Stabeisen (n)
11 bar iron
fer (m) en barres

брусковое *или* прутковое желѣзо (n)
ferro (m) in barre
hierro (m) en barras, barras (f pl) de hierro

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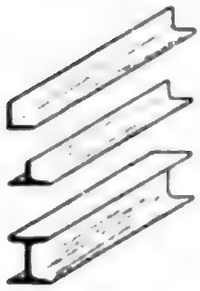
Formeisen (n), Profileisen (n), Profilträger (m) shapes, rolled section girder, rolled girder fer (m) profilé, profilé (m) de fer		сортовое *или* профильное желѣзо (n) ferro (m) profilato *o* sagomato hierro (m) perfilado, vigueta (f)	*1*
Rundeisen (n) round bar iron, round iron, rods (pl) fer (m) rond		круглое желѣзо (n) ferro (m) tondo hierro (m) redondo	*2*
Vierkanteisen (n), Quadrateisen (n) square iron, square bar, squares (pl) fer (m) carré		квадратное желѣзо (n) ferro (m) quadro hierro (m) cuadrado	*3*
Sechskanteisen (n) hexagonal bar iron fer (m) hexagonal		шестигранное желѣзо (n) ferro (m) esagonale hierro (m) hexagonal	*4*
Flacheisen (n) flat bar iron, flat bar fer (m) plat		плоское *или* полосовое желѣзо (n) ferro (m) piatto hierro (m) plano	*5*
Bandeisen (n) hoop iron fer (m) feuillard, feuillard (m)		обручное *или* шинное желѣзо (n) reggia (f) di ferro llanta (f) de hierro	*6*
Bandstahl (m) flat band *or* strip steel acier (m) feuillard, feuillard (m) d'acier		обручная *или* шинная сталь (f) acciaio (m) a nastro llanta (f) de acero	*7*
Walzeisen (n) rolled iron fer (m) laminé		прокатное желѣзо (n) ferro (m) laminato hierro (m) laminado	*8*
Winkeleisen (n) angle iron, angle bar fer (m) cornière, cornière (f) de fer		угловое желѣзо (n); угольникъ (m); уголокъ (m) ferro (m) ad angolo, cantonale (m) hierro (m) en escuadra, cantonera (f) de hierro	*9*
T-Eisen (n) T-iron, T section iron fer (m) [en] T		тавровое желѣзо (n) ferro (m) a T hierro (m) [en] T	*10*
T-Träger (m) T-girder poutrelle (f) en T		T-образная *или* однотавровая балка (f) trave (f) a T viga (f) *ó* vigueta (f) [en] T	*11*
Doppel-T-Eisen (n), I-Eisen (n) I iron, H iron, I section iron, H section iron fer (m) [en] I *ou* [en] double T		двутавровое желѣзо (n) ferro (m) a doppio T hierro (m) doble T, hierro I	*12*

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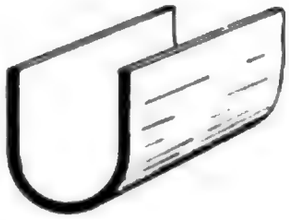
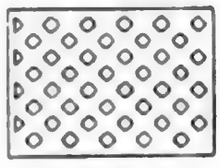
1	Doppel-T-Träger (m) I girder, I beam poutrelle (f) en double T *ou* en I		I-образная *или* двутавровая балка (f) trave (f) a doppio T viga (f) *ó* vigueta (f) en doble T
2	U-Eisen (n) channel section iron, channel iron fer (m) [en] U		швелерное *или* корытное желѣзо (n); U-образное желѣзо ferro (m) ad U hierro (m) [en] U
3	Z-Eisen (n) Z iron, Z section iron fer (m) [en] Z		Z-образное *или* зетовое желѣзо (n) ferro (m) a Z hierro (m) [en] Z
4	U-Profil (n), U-Querschnitt (m), U-förmiger Querschnitt (m) U section profil (m) [en] U		U-образный профиль; U-образное сѣченіе (n) profilo (m) ad U perfil (m) en U
5	Eisenblech (n) sheet iron tôle (f) de fer		листовое желѣзо (n) lamiera (f) di ferro chapa (f) de hierro, palastro (m) de hierro
6	Stahlblech (n) sheet steel tôle (f) d'acier		листовая сталь (f) lamiera (f) d'acciaio chapa (f) *ó* palastro (m) de acero
7	Blechtafel (f) iron plate plaque (f) en tôle		желѣзный листъ (m) piastrona (f) di lamiera placa (f) de palastro, placa (f) de hierro laminado
8	Riffelblech (n) sheckered plate tôle (f) cannelée, tôle (f) gaufrée		рифлёное *или* шахматное желѣзо (n) lamiera (f) striata chapa (f) estriada
9	perforiertes Blech (n), gelochtes Blech (n) perforated plate tôle (f) ajourée *ou* perforée		продыравленное листовое желѣзо (n) *или* перфорированное lamiera (f) perforata chapa (f) perforada
10	Bindedraht (m) binding wire fil (m) de ligature		вязательная *или* перевязочная проволока (f) filo (m) per legatura alambre (m) de ligadura
11	Stahldraht (m) steel wire fil (m) d'acier		стальная проволока (f) filo (m) d'acciaio alambre (m) de acero

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Klaviersaitendraht (m) piano wire fil (m) de clavecin, corde (f) de piano		фортепіанная струна (f); рояльная проволока (f) filo (m) *o* corda (f) da pianoforte alambre (m) *ó* cuerda (f) de piano	*1*
Drahtseil (n), Drahtkabel (n), Drahttau (n) wire rope, wire cable câble (m) en fer		проволочный канатъ (m); тросъ (m) cavo (m) *o* fune (f) di ferro cable (m) metálico	*2*
Drahtseil (n) mit Hanfeinlage *oder* Hanfseele wire cable with hemp core câble (m) métallique avec âme de chanvre		проволочный канатъ (m) съ пеньковой сердцевиной fune (f) metallica con anima di canapa cable (m) metálico con alma de cáñamo	*3*
Kupfer (n) copper cuivre (m)	Cu	мѣдь (f) rame (m) cobre (m)	*4*
Kupferblech (n) sheet copper, copper plate tôle (f) *ou* feuille (f) de cuivre		листовая мѣдь (f) lamiera (f) di rame chapa (f) de cobre	*5*
Kupferdraht (m) copper wire fil (m) de cuivre		мѣдная проволока (f) filo (m) di rame alambre (m) de cobre	*6*
Messing (n) brass laiton (m)	Cu + Zn	латунь (f); жёлтая мѣдь (f) ottone (m) latón (m)	*7*
Messingguß (m), Gelbguß (m) brass casting laiton (m) coulé *ou* fondu		жёлтое литьё (n) ottone (m) fuso, fusione (f) d'ottone latón (m) fundido *ó* colado	*8*
Rotguß (m) red bronze "metal", red brass *or* metal bronze (m) rouge		бронзовая отливка (f); красное литьё (n) bronzo (m) rosso bronce (m) rojo	*9*
Bronze (f) bronze bronze (m)	Cu + Sn	бронза (f) bronzo (m) bronce (m)	*10*
Phosphorbronze (f) phosphor bronze bronze (m) phosphoreux	Cu + Sn + P	фосфористая бронза (f) bronzo (m) fosforoso bronce (m) fosforoso	*11*
Geschützbronze (f), Kanonenmetall (n) gun metal bronze (m) à canons	Cu + Sn	пушечная бронза (f); пушечный металлъ (m) bronzo (m) da cannoni bronce (m) de cañón	*12*

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1	Stahlbronze (f) steel bronze bronze (m) spécial, alliage (m) de bronze et d'acier		стальная бронза (f): спеціальная бронза bronzo-acciaio (m), bronce (m) especial
2	Messingblech (n) sheet brass tôle (f) *ou* feuille (f) de laiton		листовая латунь (f); листовая жёлтая мѣдь (f) lamiera (f) di ottone chapa (f) de latón
3	Profilmessing (n) rolled section brass laiton (m) profilé, profilé (m) de laiton		фасонная латунь (f) *или* жёлтая мѣдь (f) ottone (m) profilato latón (m) perfilado
4	Walzmessing (n) rolled brass laiton (m) laminé		прокатная латунь (f); прокатная жёлтая мѣдь (f); рольная латунь ottone (m) laminato latón (m) laminado
5	Hartmessing (n) hard-drawn brass laiton (m) de haute résistance		твёрдотянутая латунь (f): твёрдотянутая жёлтая мѣдь (f) ottone (m) crudo latón (m) duro
6	Zinn (n) tin étain (m)	Sn	олово (m) stagno (m) estaño (m)
7	Zink (n) zinc, spelter (A) zinc (m)	Zn	цинкъ (m) zinco (m) cinc (m)
8	Zinkblech (n) sheet zinc tôle (f) de zinc, zinc (m) laminé, feuille (f) de zinc		листовый цинкъ (m) lamiera (f) di zinco chapa (f) de cinc
9	verzinktes Eisenblech (n) galvanised sheet iron tôle (f) de fer galvanisée		оцинкованный желѣзный листъ (m) lamiera (f) galvanizzata *o* zincata chapa (f) de hierro galvanizado
10	Blei (n) lead plomb (m)	Pb	свинецъ (m) piombo (m) plomo (m)
11	Weichblei (n) soft lead plomb (m) mou		мягкій свинецъ (m) piombo (m) molle plomo (m) blando
12	Hartblei (n) tough lead plomb (m) dur[ci]		гартблей (m); сплавъ (m) свинца съ сурьмой piombo (m) crudo plomo (m) duro
13	Wismut (n) bismuth bismut (m)		висмутъ (m) bismuto (m) bismuto (m)

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Antimon (n) antimony antimoine (m)		сурьма (f); антимоній (m) antimonio (m) antimonio (m)	1
Weißmetall (n), Komposition (f) whitemetal, antifriction metal métal (m) blanc, métal (m) antifriction		бѣлый металлъ (m) или сплавъ (m); бабитъ (m); композиція (f) metallo (m) bianco, metallo (m) antifrizione metal (m) blanco, metal (m) antifricción	2
Lagermetall (n) [babbit] bearing metal métal (m) à coussinets, régule (m)		металлъ (m) для заливки подшипниковъ metallo (m) per cuscinetti metal (m) para cojinetes	3
Deltametall (n) delta metal métal (m) delta	 Cu + Zn + Fe	дельта-металлъ (m) metallo (m) delta metal (m) delta	4
Platin (n) platinum platine (m)	Pt	платина (f) platino (m) platino (m)	5
Nickel (n) nickel nickel (m)	Ni	никкель (m) nichel (m), nichelio (m) níquel (m)	6
Aluminium (n) alumin[i]um aluminium (m)		алюминій (m) alluminio (m) aluminio (m)	7
Aluminiumbronze (f) aluminium bronze bronze (m) d'aluminium		алюминіевая бронза (f) bronzo-alluminio (m) bronce (m) de aluminio	8
Nickel-Aluminium (n) nickel aluminium aluminium (m) [au] nickel		сплавъ (m) никкеля и алюминія alluminio-nichel (m) aluminio (m) al níquel	9
Dichtungsmaterial (n) packing material matières (f pl) pour garniture [de joint] *ou* bourrage		набивочный матеріалъ (m); матеріалъ для уплотненія; прокладочный матеріалъ materiale (m) di guarnizione material (f) de empaquetadura para juntas	10
Papier (n) paper papier (m)		бумага (f) carta (f) papel (m)	11
Asbest (n) asbestos amiante (m), asbeste (m)		азбестъ (m) amianto (m), asbesto (m) asbesto (m), amianto (m)	12
Asbestpappe (f) asbestos board carton (m) d'amiante		азбестовый картонъ (m) cartone (m) d'amianto cartón (m) de amianto	13

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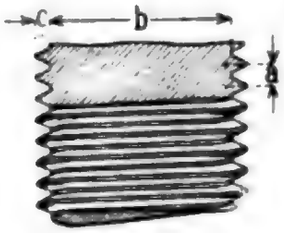
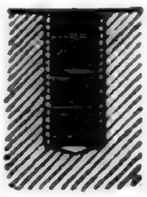
1	Asbestschnur (f) asbestos string tresse (f) d'amiante	азбестовый шнуръ (m) treccia (f) d'amianto cordón (m) de amianto
2	Hanf (m) hemp chanvre (m)	пенька (f) canapa (f) cáñamo (m)
3	Leder (n) leather cuir (m)	кожа (f) cuoio (m), pelle (f), coiame (m) cuero (m)
4	**Maschinenelemente** **Machine Parts, Machine Elements** **Éléments des machines**	**Детали машинъ** **Elementi di macchine** **Elementos de las máquinas**
5	Schraube (f) screw vis (f)	винтъ (m); болтъ (m) vite (f) tornillo (m)
6	Gewinde (n) thread filet (m), filetage (m)	нарѣзка (f) filetto (m) filete (m)
7	Ganghöhe (f) pitch pas (m) [d'une vis]	ходъ (m) винта; шагъ (m) винта passo (m) della vite altura (f) del paso
8	Kerndurchmesser (m) diameter of core diamètre (m) du corps cylindrique *ou* du noyau	діаметръ (m) стержня винта; внутренній діаметръ нарѣзки diametro (m) interno diámetro (m) del núcleo del tornillo
9	Gewindetiefe (f) depth of thread profondeur (f) du filet	глубина (f) нарѣзки profondità (f) del filetto profundidad (f) del filete
10	Innengewinde (n), Muttergewinde (n) internal thread tap (A) filet (m) intérieur, vis (f) femelle	внутренняя нарѣзка (f); нарѣзка гайки filetto (m) interno filete (m) interior
11	Trapezgewinde (n) trapezoidal thread filet (m) trapézoïdal	трапецевидная нарѣзка (f) filetto (m) trapeziforme filete (m) trapezoidal
12	Whitworthgewinde (n) Whitworth thread filet (m) Whitworth, filetage (m) au pas Whitworth	нарѣзка (f) Витворта filetto (m) Whitworth filete (m) Whitworth





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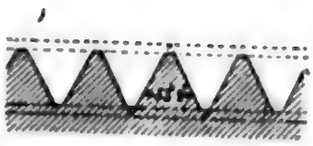
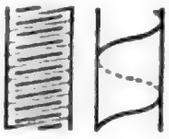
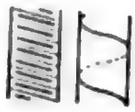
Feingewinde (n) fine thread filet (m) mince *ou* fin		мелкая нарѣзка (f) filetto (m) fine filete (m) fino	*1*
Löwenherzgewinde (n) Löwenherz thread filet (m) système Löwenherz		нарѣзка (f) Лёвенгерца filetto (m) alla Löwenherz filete (m) sistema Löwenherz	*2*
Millimetergewinde (n), S. J.-Gewinde (n) metric thread filet (m) millimétrique *ou* du système décimal		миллиметровая нарѣзка (f) filetto (m) metrico *o* decimale filete (m) métrico *ó* del sistema decimal	*3*
Gasgewinde (n) gas thread filet (m) des tuyaux à gaz		газовая нарѣзка (f) filetto (m) per tubi da gas filete (m) de los tubos de gas	*4*
Rechtsgewinde (n) right-handed thread filet (m) à droite		правая нарѣзка (f) filetto (m) destrorso filete (m) á derecha	*5*
Linksgewinde (n) left-handed thread filet (m) à gauche		лѣвая нарѣзка (f) filetto (m) sinistrorso filete (m) á la izquierda	*6*
einfaches *oder* eingängiges Gewinde (n) single thread filet[age] (m) simple, vis (f) à un seul filet		однооборотная *или* одноходовая нарѣзка (f); нарѣзка въ одну нитку filetto (m) semplice *o* ad un verme filete (m) de un paso	*7*
mehrgängiges Gewinde (n) multiple thread filet[age] (m) multiple, vis (f) à plusieurs filets		многооборотная *или* многоходовая нарѣзка (f); нарѣзка въ нѣсколько нитокъ filetto (m) multiplo *o* a più vermi filete (m) múltiple	*8*
Schraubenbolzen (m) screw bolt boulon (m)		болтъ (m) bollone (m) tornillo (m)	*9*
Mutterschraube (f), [Bolzen (m) mit Kopf und Mutter] screw bolt with head and nut boulon (m) (avec tête et écrou)		болтъ (m) съ головкой и гайкой bollone (m) con testa e dado tornillo (m) (con cabeza y tuerca)	*10*
Sechskantkopf (m) hexagonal head tête (f) hexagonale *ou* à six pans	 	шестигранная головка (f) testa (f) esagonale cabeza (f) hexagonal	*11*

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1	runder Kopf (m), Zylinderkopf (m) round head, cheese head tête (f) ronde	круглая головка (f); цилиндрическая головка testa (f) tonda cabeza (f) redonda
2	versenkter Kopf (m) countersunk head tête (f) fraisée *ou* noyée	потайная *или* утопленная головка (f) testa (f) di vite accecata *od* incastrata cabeza (f) embutida
3	Linsenkopfschraube (f) screw with rounded countersunk head boulon (m) à goutte de suif	винтъ (m) съ чечевицообразной головкой testa (f) di vite lenticolare perno (m) de cabeza lenticular
4	Nasenschraube (f) bolt with feather vis (f) à ergot	винтъ (m) съ выступомъ vite (f) a nasello tornillo (m) con espiga
5	Schloßschraube (f) fastening bolt boulon (m) de fixation	скрѣпительный болтъ (m) vite (f) da serratura *o* per chiusure tornillo (m) de fijación
6	Mutter (f), (pl: Muttern) nut écrou (m)	гайка (f) dado (m) tuerca (f)
7	Sechskantmutter (f) hexagonal nut écrou (m) hexagonal *ou* à six pans	шестигранная гайка (f) dado (m) esagonale tuerca (f) hexagonal
8	Kronenmutter (f) castellated nut, castle nut écrou (m) à entailles	тычковая гайка (f) dado (m) ad intagli tuerca (f) con entalladuras
9	Überwurfmutter (f) capped nut, screw cap chapeau (m) d'écrou fileté	сгонная гайка (f); колпачковая гайка dado (m) a cappello tapón (m) de tuerca
10	Gegenmutter (f) lock nut, jam nut, check nut contre-écrou (m)	контръ-гайка (f); закрѣпная гайка; подгаешникъ (m) controdado (m) contra-tuerca (f)
11	Schraubensicherung (f) nut locking (device) arrêt (m) de sûreté d'écrou, fixe-écrou (m), frein (m) d'écrou	приспособленіе (n) противъ отвинчиванія ferma-dado (m) disposición (f) de seguridad del tornillo

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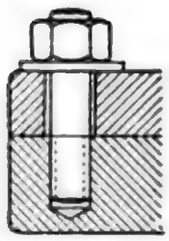
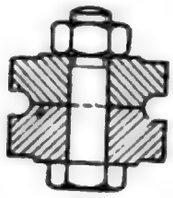
Stiftschraube (f), Stehbolzen (m)
stud, stud bolt
prisonnier (m), boulon (m) prisonnier, goujon (m)



шпилька (f)
vite (f) prigioniera
espárrago (m), perno (m) prisionero *1*

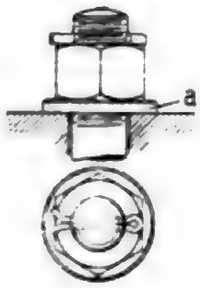
Paßschraube (f), eingepaßte Schraube (f)
fitting *or* reamed bolt
boulon (m) de mécanique



пригнанный *или* притёртый болтъ (m)
vite (f) aggiustata
tornillo (m) ajustado *2*

---

eine Mutter versplinten (v)
to fit a split pin to a nut, to fix a nut with a split pin
goupiller (v) un écrou



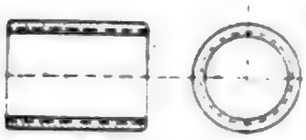
закрѣпить гайку шплинтомъ; зашплинтовать
incavigliare (v) un dado
asegurar (v) con fiador un tornillo *3*

Unterlagscheibe (f)
washer
rondelle (f)

a

шайба (f); подкладка (f)
piastrina (f), ranella (f)
arandela (f), ovalillo (m) *4*

Gewindemuffe (f)
screwed socket
manchon (m) fileté



винтовая муфта (f); муфта съ нарѣзкой
manicotto (m) filettato
manguito (m) *ó* enchufe (m) roscado *5*

---

verschrauben (v)
to screw
visser (v)

свин-тить (-чивать)
avvitare (v)
atornillar (v), unir (v) por tornillos *6*

---

anschrauben (v)
to screw on, to fix by means of a screw
visser (v) [à . . .]

привин-тить (-чивать)
avvitare (v) [a . . .]
atornillar (v) á . . . *7*

---

aufschrauben (v)
to screw up
visser (v) [sur . . .]

навин-тить (-чивать)
avvitare (v) [su . . .]
atornillar (v) sobre . . . *8*

---

einschrauben (v)
to screw into . . .
visser (v) [dans . . .]

ввин-тить (-чивать)
avvitare (v) [in . . .]
atornillar (v) en . . . *9*

---

festschrauben (v)
to screw tight
visser (v) à bloc

завин-тить (-чивать) наглухо *или* до отказа
avvitare (v) a fondo
fijar (v) con tornillos *10*

---

eine Schraube anziehen (v)
to tighten a screw
serrer (v) une vis

притя-нуть (-гивать) болтъ
stringere (v) una vite
apretar (v) con tornillos *11*

---

eine Schraube lösen (v), losschrauben (v)
to unscrew
desserrer (v) une vis, dévisser (v)

отвин-тить (-чивать) болтъ
svitare (v) una vite
destornillar (v) *12*

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eine Schraube lockern (v) 1 to loosen a screw dégager (v) une vis		ослабить винтъ; ослабить болтъ allentare (v) una vite aflojar (v) un tornillo
eine Schraube nachziehen (v) *oder* nachspannen (v) 2 to retighten a screw resserrer (v) une vis		подтя-нуть (-гивать) винтъ *или* болтъ riserrare (v) una vite apretar (v) de nuevo un tornillo
eine Schraube überdrehen (v) 3 to overturn a screw forcer (v) une vis		сорвать (срывать) рѣзьбу stringer (v) troppo *o* sforzare (v) una vite forzar (v) un tornillo
Niet (m *oder* n) 4 rivet rivet (m)	a b	заклёпка (f) chiodo (m) remache (m), roblón (m)
Eisenniet (m) 5 iron rivet rivet (m) en fer		желѣзная заклёпка (f) chiodo (m) di ferro roblón (m) de hierro
Kupferniet (m) 6 copper rivet rivet (m) en cuivre		мѣдная заклёпка (f) chiodo (m) di rame roblón (m) de cobre
Nietschaft (m) 7 rivet shank tige (f) *ou* corps (m) de rivet	a	стержень (m) *или* тѣло (n) заклёпки gambo (m) del chiodo parte (f) cilíndrica del roblón
Nietkopf (m) 8 rivet head tête (f) de rivet	b	головка (f) заклёпки; заклёпочная головка testa (f) del chiodo cabeza (f) del roblón
Nietung (f), Vernietung (f) 9 riveting rivure (f), assemblage (m) à rivets		клёпка (f); склёпка (f) chiodatura (f), collegamento (m) a chiodi remachado (m), roblonado (m)
nieten (v), vernieten (v) 10 to rivet river (v), riveter (v)		склепать, склёпывать chiodare (v), inchiodare (v) remachar (v), roblonar (v)
versenkter Niet (m), versenktes Niet (n) 11 flush rivet, countersunk rivet rivet (m) à tête noyée *ou* fraisée		заклёпка (f) съ потайной *или* съ утопленной головкой chiodo (m) accecato *od* a testa accecata remache (m) *ó* roblón (m) embutido *ó* de cabeza fresada
Nietteilung (f) 12 pitch of rivets écartement (m) des rivets	a, b	шагъ (m) *или* дѣленіе (n) заклёпочнаго шва; заклёпочный шагъ (m); разстояніе (n) между заклёпками *или* между центрами заклёпокъ scartamento (m) dei chiodi separación (f) de los roblones

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warm nieten (v)
to rivet hot
rive[te]r (v) à chaud

клепать въ горячемъ состояніи
chiodare (v) a caldo
remachar (v) en caliente 1

kalt nieten (v)
to rivet cold
rive[te]r (v) à froid

клепать въ холодномъ состояніи
chiodare (v) a freddo
remachar (v) en frío 2

Schellhammer (m)
cup shaped die, snap
bouterolle (f) à emmancher

обжимка (f) съ глазомъ
stampo (m) a martello
buterola (f) de enmangar 3

Vorhalter (m)
holding up tool, dolly
contre-bouterolle (f), tas (m)

клепальная поддержка (f) *или* оправка (f)
controstampo (m)
contra-buterola (f), tas (m), sufridera (f) 4

vorhalten (v), gegenhalten (v)
to hold up, to dolly, to hold against
maintenir (v) appuyé, tenir (v) coup aux chocs

поддерживать
controtenere (v)
sostener (v) por el lado opuesto *ó* contra el martillado 5

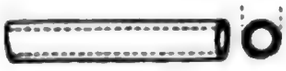
Welle (f)
shaft
arbre (m)

валъ (m)
albero (m)
árbol (m), eje (m) 6

volle Welle (f)
solid shaft
arbre (m) plein *ou* massif

сплошной *или* массивный валъ (m)
albero (m) pieno *o* massiccio
eje (m) macizo 7

hohle Welle (f), ausgebohrte Welle (f)
hollow *or* bored out shaft
arbre (m) creux [*ou* tubulaire]



полый *или* пустотѣлый валъ (m); высверленный валъ
albero (m) cavo
eje (m) hueco 8

eine Welle ausbohren (v)
to bore out a shaft
évider (v) un arbre, forer (v) un arbre

высверлить валъ
forare (v) un albero
taladrar (v) un eje 9

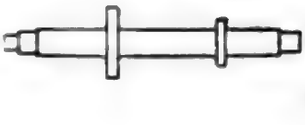
Vierkantwelle (f)
square shaft
arbre (m) carré

четырёхгранный валъ (m); валъ четырёхугольнаго сѣченія
albero (m) quadro
eje (m) cuadrado 10

Kreuzprofilwelle (f)
shaft with cross shaped cross section
arbre (m) à section en croix

валъ (m) крестообразнаго сѣченія
albero (m) profilato *od* a sezione a croce
eje(m) de sección en cruz 11

Flanschwelle (f)
flanged shaft
arbre (m) à bride



валъ (m) съ фланцемъ; фланцевый валъ
albero (m) a flangia *o* con flangie
eje (m) de brida 12

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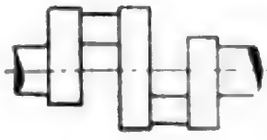
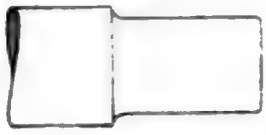
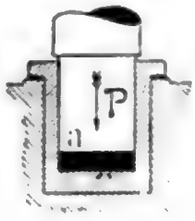
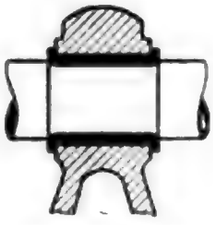
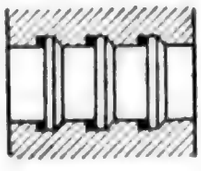
biegsame Welle (f) 1 flexible shaft arbre (m) flexible		гибкій валъ (m) albero (m) flessibile eje (m) flexible
gekröpfte Welle (f) 2 crank shaft arbre (m) coudé		колѣнчатый *или* колѣнный валъ (m) albero (m) a gomito eje (m) acodado, cigüeñal (m)
Kröpfung (f) 3 crank coude (m)		колѣно (n) gomito (m) codo (m)
kröpfen (v) 4 to crank couder (v)		согнуть (сгибать) колѣно piegare (v) a gomito acodar (v)
doppelt gekröpfte Welle (f) 5 double throw crank shaft arbre (m) à double coude		двухколѣнчатый *или* двухколѣнный валъ (m) albero (m) a doppio gomito eje (m) de doble codo *ó* de dos cigüeñales
Zapfen (m) 6 crank pin tourillon (m)		цапфа (f); шейка (f) perno (m) gorrón (m), espiga (f), muñón (m)
Gleitlager (n) journal bearing 7 palier (m) à [frottement de] glissement, palier (m) ordinaire *ou* à roulements lisses		обыкновенный подшипникъ (m); подшипникъ со скользящимъ треніемъ cuscinetto (m) ordinario soporte (m) ordinario *ó* de cojinetes
Spurlager (n) 8 step bearing crapaudine (f)		подпятникъ (m); упорный подшипникъ (m) sopporto (m) di base quicionera (f), rangua (f)
Spurplatte (f), Spurpfanne (f) 9 bearing disc *or* plate grain (m) de crapaudine	a	упорный дискъ (m); прокладная шайба (f); прокладка (f) piletta (f), ralla (f), piastra (f) di base placa (f) de apoyo del quicio
Halslager (n) 10 collar bearing palier (m) à collets		промежуточный подшипникъ (m) sopporto (m) per perno a collare cojinete (m) de collares
Kammlager (n) collar thrust bearing 11 palier (m) [de butée] à cannelures *ou* à plusieurs collets		гребенчатый подшипникъ (m) cuscinetto (m) di controspinta soporte (m) de collares múltiples

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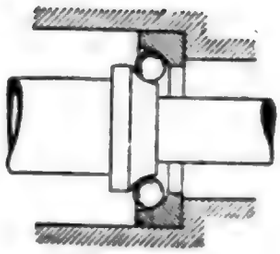
Kugellager (n)
ball bearing
palier (m) à billes

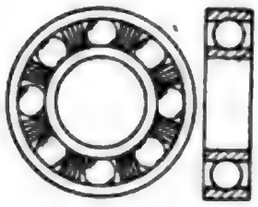
шариковый подшипникъ (m); подшипникъ съ шариками
sopporto (m) a palle, cuscinetto (m) a sfere
cojinete (m) de bolas 1

Kegellager (n), Konuslager (n)
conical bearing
palier (m) conique



конусообразный подшипникъ (m)
cuscinetto (m) conico
soporte (m) cónico 2

Laufring[kugel]lager (n), Laufringsystem (n)
ball race bearing
palier (m) à roulements annulaires



подшипникъ (m) съ кольцомъ для шариковъ; конструкція (f) съ кольцомъ катанія для шариковъ
sopporto (m) anulare mobile (a sfera)
soporte (m) de rodadura anular 3

Druckkugellager (n), Kugelspurlager (n)
ball thrust bearing
crapaudine (f) à billes

подпятникъ (m) на шарикахъ; шариковый подпятникъ
sopporto (m) di spinta a palle *o* sfere
rangua (f) de bolas 4

Kugelzapfen (m)
ball pivot, ball trunnion
tourillon (m) sphérique

шаровая пята (f)
perno (m) sferico
gorrón (m) esférico 5

Kugelschale (f), Kugelpfanne (f)
ball cup *or* socket
coussinet (m) sphérique

a

шарообразный *или* шаровой вкладышъ (m)
cuscinetto (m) a snodo sferico
cojinete (m) esférico 6

Keilnut (f)
key way
rainure (f) *ou* logement (m) de clavette

шпоночная канавка (f); пазъ (m) для шпонки
scanalatura (f) per bietta
ranura (f) de chaveta 7

[eine Welle] nuten (v)
to cut a key way, to slot
rainer (v) un essieu, tracer (v) un sillon *ou* une rainure dans un essieu

снабдить [валъ] шпоночной канавкой; желобить [валъ]
scanalare (v) un albero
acanalar (v) un eje, trazar (v) el alojamiento de la chaveta 8

Keil (m)
key
clavette (f)

шпонка (f)
bietta (f), cuneo (m), chiavetta (f)
chaveta (f), cuña (f) 9

Normalkeil (m)
standard key
clavette (f) normale

нормальная шпонка (f)
bietta (f) *o* cuneo (m) normale
chaveta (f) normal 10

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1 Federkeil (m), Feder (f) flat key, feather languette (f)		призматическая шпонка (f) linguetta (f) lengüeta (f)
2 Splint (m) split pin, cutter (A) goupille (f) [fendue *ou* à deux branches]		шплинтъ (m) spillo (m), caviglia (f) spaccata pasador (m)
3 konischer Stift (m) taper pin cheville (f) [conique]		коническая чека (f) caviglia (f) conica clavija (f) cónica
4 Paßstift (m), Stellstift (m) fitting pin cheville (f) ajustée, goujon (m) exactement tourné		установочный штифтъ (m) chiavistello (m) d'arresto, caviglia (f) clavija (f) ajustada
5 Keilschraube (f), Kurbelkeil (m) conical screw wedge clavette (f) filetée		клинъ (m) съ нарѣзкой vite (f) da bietta chaveta (f) terrajada
6 Verzahnung (f) tooth gearing denture (f)		зубчатое зацѣпленіе (n) dentatura (f) engranaje (m), dientes (mpl)
7 Zahnrad (n) toothed *or* spur wheel roue (f) dentée, roue (f) d'engrenage		зубчатое колесо (n) ruota (f) dentata, ruota (f) d'ingranaggio rueda (f) dentada
8 Zahnteilung (f) pitch of teeth pas (m) circulaire, écartement (m) des dents	a	шагъ (m) зацѣпленія; шагъ зубца *или* зуба passo (m) dei denti paso (m) de un engranaje
9 Modulteilung (f) modulus pitch pas (m) circulaire en fonction de π		шагъ (m), выраженный въ π modulo (m) del passo paso (m) métrico (en función de π)
10 Teilkreis (m) pitch circle, pitch line cercle (m) primitif	b	начальная *или* дѣлительная окружность (f) circolo (m) primitivo circunferencia (f) primitiva
11 Kopfkreis (m) crown *or* addendum circle *or* line cercle (m) extérieur *ou* de tête	c	кругъ (m) выступовъ *или* головокъ; окружность (f) выступовъ circolo (m) esterno *o* di testa circunferencia (f) de cabeza

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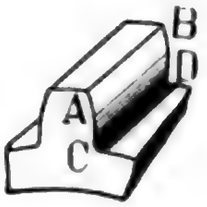
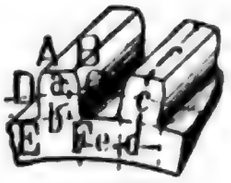
Fußkreis (m) root circle *or* line cercle (m) intérieur *ou* de pied *ou* de racine *ou* d'évidement	d	кругъ (m) впадинъ *или* ножекъ; корневая окружность (f) circolo (m) interno *o* di base circunferencia (f) interna *ó* de raiz *ó* de base	*1*
eingreifen (v) to engage engrener (v), être (v) en prise		зацѣплять; находиться въ зацѣпленіи ingranare (v) engranar (v)	*2*
Eingriff (m) engagement, gearing emprise (f)		зацѣпленіе (n) ingranaggio (m) (delle dentature), entrata (f) in azione engranado (m)	*3*
Zahn (m) tooth dent (f)		зубецъ (m); зубъ (m) dente (m) diente (m)	*4*
Zahnform (f), Zahnprofil (n) shape of tooth profil (m) *ou* forme (f) de dent	A C	профиль (f) зубца profilo (m) del dente perfil (m) del diente	*5*
Zahnflanke (f) flank of tooth flanc (m) de la dent	A B C D	очертаніе (n) зубца; боковая поверхность (f) зуба fianco (m) del dente flanco (m) del diente	*6*
Zahnkopf (m) crown of tooth tête (f) de la dent	 A B C D	головка (f) *или* выступъ (m) зубца testa (f) del dente cabeza (f) del diente	*7*
Kopfhöhe (f) height from pitch circle to crown hauteur (f) de la tête	a	высота (f) головки *или* выступа зубца altezza (f) della testa (dal circolo primitivo) altura (f) de la cabeza	*8*
Zahnfuß (m) root of tooth pied (m) *ou* racine (f) de la dent	C D E F	ножка (f) *или* основаніе (n) зубца base (f) del dente raiz (f) del diente	*9*
Fußhöhe (f) height from root to pitch circle hauteur (f) du pied	b	высота (f) ножки *или* основанія зубца altezza (f) della base (dal circolo primitivo) altura (f) de la raiz	*10*
Zahnlänge (f) length of tooth longueur (f) de la dent	c	длина (f) зубца altezza (f) totale del dente altura (f) total del diente	*11*

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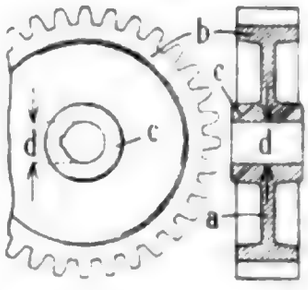
1	Zahnstärke (f) thickness at root of tooth épaisseur (f) de la dent	d	толщина (f) зубца spessore (m) del dente espesor (m) del diente
2	Zahnlücke (f) space between teeth évidement (m) *ou* intervalle (m) *ou* vide (m) entre les dents	e	ширина (f) впадины intradente (m) hueco (m) entre los dientes
3	Zahnbreite (f) width of tooth largeur (f) de la dent	f	ширина (f) зубца larghezza (f) del dente anchura (f) del diente
4	gehobelter Zahn (m) machine-cut tooth dent (f) rabotée		строганный (m) зубецъ (m) dente (m) piallato diente (m) cepillado
5	spielfrei gefräster Zahn (m) tooth milled without play dent (f) taillée à la fraise, dent (f) fraisée exactement		точно фрез[ир]ованный *или* вышарошенный зубецъ (m) dente (m) fresato, dente (m) tagliato alla fresa diente (m) fresado
6	spezifischer Zahndruck (m) specific pressure on the tooth pression (f) de la dent par unité de surface		удѣльное давленіе (n) на зубъ; давленіе на единицу поверхности зубца pressione (f) specifica sul dente presión (f) por unidad de superficie del diente
7	Zykloidenverzahnung (f) cycloidal teeth denture (f) cycloïdale		циклоидальное зацѣпленіе (n) dentatura (f) cicloidale engranaje (m) cicloidal
8	Evolventenverzahnung (f) involute teeth denture (f) en développante de cercle		эвольвентное *или* развёрточное зацѣпленіе (n) dentatura (f) a sviluppante *o* ad evolvente engranaje (m) de evolvente de círculo
9	Innenverzahnung (f) internal teeth denture (f) intérieure		внутреннее зацѣпленіе (n) dentatura (f) interna engranaje (m) interior
10	Stirnrad (n) spur wheel roue (f) dentée droite *ou* cylindrique		цилиндрическое колесо (n) ruota (f) dentata cilindrica rueda (f) [dentada] cilíndrica *ó* recta
11	Ritzel (m), Trieb (m) pinion pignon (m) denté		шестерня (f) ruota (f) dentata piñon (m)

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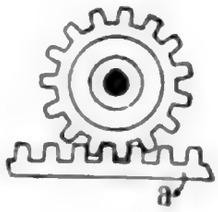
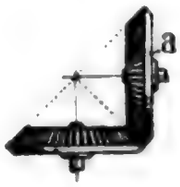
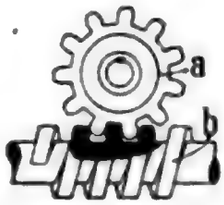
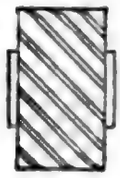
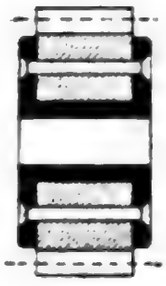
Radscheibe (f) plate centre corps (m) *ou* centre (m) de roue à toile	a	дискъ (m) колеса; дисковый центръ (m) disco (m) della ruota plato (m) de rueda	*1*
Radkranz (m) wheel rim couronne (f) de roue	b	ободъ (m) колеса corona (f) della ruota corona (f) de la rueda	*2*
Radnabe (f) wheel boss *or* hub moyeu (m) de roue	c	ступица (f) колеса mozzo (m) della ruota cubo (m) de la rueda	*3*
Nabenbohrung (f) bore of boss *or* hub alésage (m) *ou* forage (m) du moyeu	d	отверстіе (n) ступицы alesatura (f) del mozzo diámetro (m) interior del cubo	*4*
Zahnstange (f) toothed rack crémaillère (f)	 a	зубчатая рейка (f) dentiera (f), asta (f) dentata cremallera (f)	*5*
Kegelradgetriebe (n) bevel gear engrenage (m) conique d'angle		коническая зубчатая передача (f) ingranaggio (m) conico engranaje (m) cónico	*6*
Kegelrad (n) spur bevel wheel roue (f) conique d'angle	a	коническое колесо (n) ruota (f) dentata conica rueda (f) cónica	*7*
Schneckengetriebe (n) worm gear engrenage (m) à vis tangente *ou* à vis sans fin		червячная передача (f); винтовая передача ingranaggio (m) a vite perpetua engranaje (m) de tornillo sin fin	*8*
Schneckenrad (n) worm wheel roue (f) hélicoïdale	a	червячное колесо (n); винтовое колесо ruota (f) elicoidale rueda (f) helicoidal	*9*
Schnecke (f) worm, endless screw vis (f) tangente, vis (f) sans fin	b	червякъ (m); безконечный винтъ (m) vite (f) perpetua *o* senza fine tornillo (m) sin fin	*10*
Schraubenrad (n) worm wheel roue (f) hélicoïdale cylindrique		винтовое *или* геликоидальное колесо (n) ruota (f) elicoidale cilindrica rueda (f) helicoidal cilíndrica	*11*
Fiberrad (n) fibre pinion roue (f) en fibre		фибровое зубчатое колесо (n) ruota (f) a denti di fibra rueda (f) dentada de fibra	*12*

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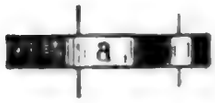
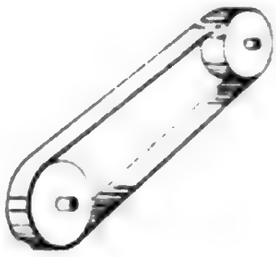
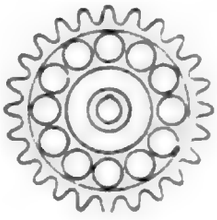
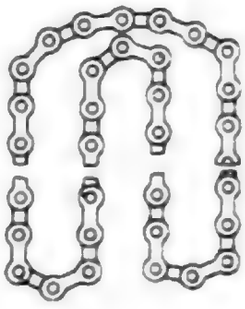
1	Reibrad (n) friction wheel roue (f) de friction	 a	фрикціонное колесо (n); колесо тренія; колесо сцѣпленія ruota (f) di frizione rueda (f) de fricción
2	Planscheibengetriebe (n), Diskusgetriebe (n) right-angle friction gear, disc friction gear transmission (f) par plateau à friction	 a	передача (f) помощью дисковыхъ колёсъ; передача фрикціонными дисками meccanismo (m) di frizione a disco transmisión (f) por disco de fricción
3	Reibscheibe (f), Friktionsscheibe (f) friction disc plateau (m) de friction	a	дисковое колесо (n); фрикціонный дискъ (m) ruota (f) di frizione disco (m) de fricción
4	Riementrieb (m) belt drive transmission (f) par courroie *ou* à courroie		ременной приводъ (m) trasmissione (f) a cigna *od* a cinghia transmisión (f) por correa
5	Kettenrad (n) chain wheel, sprocket roue (f) pour chaine		зубчатое колесо (n) для цѣпи; цѣпное колесо; зубчатка (f) ruota (f) per catena rueda (f) para cadena
6	Kette (f) chain chaine (f)		цѣпь (f) catena (f) cadena (f)
7	Gliederkette (f) open link chain chaine (f) ordinaire *ou* à maillons		обыкновенная цѣпь (f); кольцевая цѣпь; цѣпь (f) изъ звеньевъ catena (f) a maglie cadena (f) de eslabones
8	Blockkette (f) block chain chaine (f) plate, chaine (f) à maillons pleins		блочная цѣпь (f) catena (f) a blocchi cadena (f) de chapas y pernos
9	Rollenkette (f) roller chain chaine (f) à fuseaux *ou* à rouleaux		роликовая цѣпь (f) catena (f) a rulli cadena (f) de rodillos

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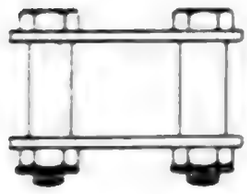
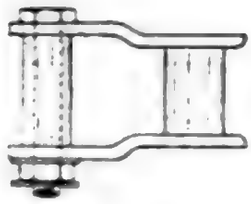
Kettenschloß (n), Schlußglied (n) chain lock maillon (m) [de chaine], chainon (m)		цѣпной замокъ (m); соединитель (m) *или* замокъ для цѣпи; соединительное звено (n); смычка (f) giunto (m) di catena, maglia (f) *od* anello (m) di estremità eslabón (m) de cadena	1
Reduzierglied (n) removable link chainon (m) réducteur		редукціонное звено (n) maglia (f) di riduzione eslabón (m) de reducción	2
Handkurbel (f) crank handle manivelle (f)		ручка (f) manovella (f) manivela (f)	3
Feder (f) spring ressort (m)		пружина (f); рессора (f) molla (f) resorte (m), muelle (m)	4
Blattfeder (f) plate *or* laminated spring ressort (m) [à] lame, lame (f) élastique		плоская рессора (f) molla (f) a lamina resorte (m) de hojas superpuestas, ballesta (f)	5
Federung (f) spring flexion (f) élastique		пружиненіе (n) flessione (f) elastica, molleggiamento (m) flexión (f) elástica	6
federn (v) to spring faire (v) ressort		пружинить molleggiare (v) hacer (v) resorte	7
Schraubenfeder (f), zylindrische Feder (f) cylindrical *or* spiral spring, coil (A) ressort (m) à boudin, ressort (m) en hélice		цилиндрическая винтовая рессора (f) molla (f) a spirale cilindrica muelle (m) helicoidal cilíndrico	8
Kegelfeder (f) volute spring, conical spiral spring ressort (m) conique		конусная *или* коническая рессора (f) molla (f) conica muelle (m) helicoidal cónico	9
Spiralfeder (f) spiral spring ressort (m) en spirale, ressort (m) à volute		спиральная рессора (f) molla (f) a spirale *o* ad elica muelle (m) en espiral	10
eine Feder spannen (v) to stretch a spring bander (v) un ressort		натянуть рессору *или* пружину tendere (v) una molla tender (v) un muelle	11

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1	Federwindung (f) turn of a spring spire (f) de ressort	витокъ (m) рессоры *или* пружины spira (f) di molla espira (f) del muelle
2	Windungszahl (f) number of turns nombre (m) de spires	число (n) витковъ numero (m) delle spire número (m) de espiras
3	Drahtstärke (f) einer Feder thickness of wire of a spring grosseur (f) de fil d'un ressort	толщина (f) рессоры grossezza (f) del filo d'una molla grueso (m) *ó* calibre (m) del alambre de un muelle

a

4	**Fabrikation und Konstruktion** **Manufacture and Design** **Construction**	**Производство и постройка** **Fabbricazione e costruzione** **Construcción**
5	Motorwagenfabrik (f), Automobilfabrik (f), Automobilwerk (n), Motorfahrzeugfabrik (f) motor car works atelier[s] (m[pl]) de construction d'automobiles	автомобильный заводъ (m) fabbrica (f) d'automobili fábrica (f) de automóviles
6	Motorenfabrik (f) motor *or* engine works atelier (m) *ou* usine (f) de construction de moteurs	моторный заводъ (m); заводъ для постройки двигателей fabbrica (f) di motori fábrica (f) de motores
7	Motorwagenbau (m) building of motor cars construction (f) de voitures automobiles	постройка (f) автомобильныхъ экипажей; постройка автомобилей costruzione (f) di vetture automobili construcción (f) de automóviles
8	Fabrikdirektor (m) managing director directeur (m) d'usine	директоръ (m) завода direttore (m) d'officina director (m) de fábrica
9	Fabrikleiter (m) works' manager directeur (m) des ateliers	завѣдывающій (m) заводомъ capo (m) delle officine director (m) de los talleres
10	Geschäftsführer (m) commercial manager directeur (m) commercial, fondé (m) de pouvoir	завѣдывающій (m) коммерческой частью direttore (m) amministrativo *o* commerciale director (m) comercial

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Disponent (m) chief clerk gérant (m) (chargé de la distribution du travail)	распорядитель (m) gerente (m) gerente (m) (encargado de la distribución de los trabajos)	1
disponieren (v) to dispose administrer (v), gérer (v)	распоряжаться amministrare (v), disporre (v) administrar (v)	2
Fabrikorganisation (f) works' organisation organisation (f) d'une fabrique *ou* d'une usine	организація (f) завода organizzazione (f) d'una fabbrica *o* d'una officina organización (f) de la fábrica	3
Konstruktionsbureau (n) drawing office bureau (m) de construction	конструкціонное бюро (n) ufficio (m) delle costruzioni oficina (f) de construcción	4
Konstrukteur (m) draughtsman, designer employé (m) du bureau de construction *ou* de projets, ingénieur-constructeur (m)	конструкторъ (m) costruttore (m) empleado (m) de la oficina de proyectos	5
Chefkonstrukteur (m) chief draughtsman ingénieur (m) chargé des projets principaux	главный конструкторъ (m) costruttore (m) capo ingeniero (m) encargado de los proyectos	6
Konstruktionschef (m) chief of drawing office chef (m) du bureau de construction	начальникъ (m) конструкціоннаго бюро; завѣдывающій (m) конструкціоннымъ бюро capo (m) delle costruzioni jefe (m) de la oficina de construcción *ó* de proyectos	7
konstruieren (v) to construct établir (v) les dessins de construction	конструировать costruire (v) ejecutar (v) los proyectos, hacer (v) los dibujos de construcción	8
entwerfen (v) to design projeter (v)	проектировать; спроектировать progettare (v) proyectar (v)	9
skizzieren (v) to sketch faire (v) le croquis de..., esquisser (v)	сдѣлать набросокъ; набросить эскизъ fare (v) uno schizzo trazar (v), esquiciar (v)	10
zeichnen (v) to draw dessiner (v)	чертить disegnare (v) dibujar (v), diseñar (v)	11

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1	Zeichner (m) draughtsman dessinateur (m)	чертёжникъ (m) disegnatore (m) delineante (m), diseñador (m)
2	Konstruktionsprinzip (n) principle of design principe (m) de construction	конструктивный принципъ (m); принципъ (m) конструкціи principio (m) di costruzione principio (m) de construcción
3	Konstruktionsnormalien (pl) standard design norme (f) *ou* règles (f pl) normales de construction	конструктивныя нормы (f pl) norma (f) *o* regola (f) di costruzione norma (f) *ó* regla (f) normal de construcción
4	Konstruktionseinzelheit (f), Konstruktionsdetail (n) detail of design détail (m) constructif *ou* de construction	конструктивная деталь (f) dettaglio (m) di costruzione particularidad (f) de construcción
5	Zeichnung (f) drawing dessin (m)	чертёжъ (m) disegno (m) dibujo (m), diseño (m)
6	Zusammenstellung (f), Dispositionszeichnung (f) erection drawing dessin (m) d'ensemble	сборный чертёжъ (m) composizione (f) del disegno, disegno (m) di massima dibujo (m) de la disposición general
7	Detailzeichnung (f) detailed drawing dessin (m) de détail	детальный чертёжъ (m) disegno (m) di dettaglio dibujo (m) de los detalles
8	Werkstattzeichnung (f) [work]shop drawing dessin (m) d'atelier	рабочій чертёжъ (m); чертёжъ (m) для мастерской disegno (m) per l'officina dibujo (m) para taller
9	pausen (v), durchpausen (v) to trace calquer (v)	калькировать; чертить на калькѣ calcare (v) calcar (v)
10	Lichtpause (f) print épreuve (f) tirée à la lumière, calque (m) exposé à la lumière	свѣтовая копія (f); копія на свѣточувствительной бумагѣ lucido (m) eliografico calco (m) expuesto á la luz
11	Blaupause (f) blue print bleu (m), photocalque (m) bleu, photocopie (f) bleue	синяя копія (f) bleu (m), cianografia (f) fotocalco (m) azul

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Konstruktionsfehler (m) fault of design *or* construction défaut (m) de construction	ошибка (f) въ проектированіи; недостатокъ (m) конструкціи difetto (m) di costruzione error (m) de construcción	*1*
Erfindung (f) invention invention (f)	изобрѣтеніе (n) invenzione (f) invento (m)	*2*
Patent (n) patent brevet (m) d'invention	патентъ (m); привилегія (f) patente (f), brevetto (m), privilegio (m), privativa (f) patente (f), privilegio (m)	*3*
Gebrauchsmuster (n) registered pattern modèle (m) de perfectionnement	образецъ (m); модель (f) disegno (m) *o* modello (m) di fabbrica modelo (m) de perfeccionamiento	*4*
Musterschutz (m) trade mark protection modèle (m) de fabrique déposé	охрана (f) закономъ модели *или* образца disegno (m) *o* modello (m) depositato modelo (m) de fábrica depositado	*5*
eine Erfindung zum Patent anmelden (v) to apply for a patent an invention adresser (v) une demande de brevet d'invention	заявить *или* испрашивать патентъ на изобрѣтеніе domandare (v) il brevetto d'invenzione pedir (v) una patente *ó* un privilegio de invención	*6*
eine Erfindung patentieren lassen (v) to have patented an invention faire (v) breveter une invention	взять патентъ *или* привилегію на изобрѣтеніе fare (v) brevettare una invenzione hacer (v) patentar un invento	*7*
Anmeldegebühr (f) registration *or* application fee taxe (f) pour demande de brevet	взносъ (m) при заявленіи патента tassa (f) di richiesta della patente tasa (f) de solicitación de patente	*8*
Patentgebühr (f), Patenttaxe (f) patent fee taxe (f) pour brevet obtenu, droits (m pl) de brevet	плата (f) за патентъ tassa (f) di deposito di un brevetto tasa (f) de patente obtenida	*9*
Patentgesetz (n) patent law législation (f) des brevets	законъ (m) о патентахъ legge (f) sui brevetti d'invenzione legislación (f) de las patentes	*10*

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1	Patentrecht (n) patent rights droit (m) résultant de brevet	патентное право (n) legge (f) sulle privative industriali derechos (m pl) resultantes de las patentes
2	Patentstreit (m) dispute about a patent litige (m) en matière de brevets	оспариваніе (n) патента litigio (m) di brevetto pleito (m) á causa de una patente
3	Patentanwalt (m) patent agent *or* attorney agent (m) en *ou* de brevets	ходатай (m) по привилегіямъ *или* по патентамъ ingegnere (m) consulente in materia di proprietà industriali agente (m) de patentes
4	Patentamt (n) patent office bureau (m) officiel des brevets	патентное учрежденіе (n); учрежденіе, выдающее патенты ufficio (m) di brevetti despacho (m) oficial de patentes
5	Auslandpatent (n) foreign patent brevet (m) étranger	заграничный патентъ (m) brevetto (m) estero patente (f) estranjera
6	ein Patent erteilen (v) to grant a patent accorder (v) un brevet	выдать патентъ accordare (v) un brevetto conceder (v) una patente
7	Patentschrift (f) patent specification spécification (f) *ou* description (f) d'un brevet	печатный оттискъ (m) описанія выданной привелегіи descrizione (f) specifica della patente descripción (f) de la patente
8	Betriebsbureau (n) superintendent's office, works' manager's office bureau (m) d'exploitation	заводская контора (f); контора мастерской ufficio (m) della direzione dell'officina oficina (f) de servicio
9	Berechnungsbureau (n), Kalkulationsbureau (n) estimating office bureau (m) de calcul	бюро (n) расчётовъ ufficio (m) dei calcoli oficina (f) de cálculo
10	Vorausberechnung (f), Vorkalkulation (f) preliminary calculation calcul (m) provisoire *ou* estimatif	предварительный расчётъ (m); предварительная калькуляція (f) calcolo (m) approssimativo cálculo (m) aproximado
11	Berechner (m), Kalkulator (m) estimating clerk calculateur (m)	калькуляторъ (m) calcolatore (m) calculador (m)

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Werkstatt (f) work shop atelier (m)	мастерская (f) officina (f) taller (m)	1
Maschinenhalle (f), Maschinensaal (m) machine shop, machinery hall (A) halle (f) *ou* salle (f) des machines	машинный залъ (m); машинное зало (n); машинное отдѣленіе (n) *или* помѣщеніе (n) sala (f) delle macchine sala (f) de máquinas	2
Schlosserei (f) fitting shop serrurerie (f), ajustage (m)	слесарная мастерская (f); слесарня (f) officina (f) congegnatori *o* aggiustatori cerrajeria (f), taller (m) de ajuste	3
Teilschlosserei (f) shop for fitting parts atelier (m) d'ajustage de pièces détachées	спеціальное отдѣленіе (n) слесарной мастерской riparto (m) per la congegnatura *od* aggiustatura dei pezzi taller (m) de ajuste de las piezas separadas	4
Montagehalle (f), Montageraum (m) erecting shop halle (f) *ou* atelier (m) *ou* salle (f) de montage	сборочная (f); сборочная мастерская (f); залъ (m) для монтажа sala (f) di montaggio sala (f) de montaje	5
Montageschlosserei (f) fitting shop for erection atelier (m) de montage	сборочная слесарня (f); слесарная мастерская (f) для сборки montaggio (m) meccanico taller (m) de montaje	6
Feilbank (f), Werkbank (f) bench établi (m), banc (m)	верстакъ (m) banco (m) [di lavoro], pancone (m) da limatore banco (m) de trabajo	7
zusammenbauen (v), montieren (v) to erect, to fit up monter (v)	собрать; монтировать montare (v) montar (v)	8
Zusammenbau (m), Montage (f) erection montage (m)	сборка (f); монтажъ (m) montaggio (m) montaje (m)	9
Transmission (f) transmission transmission (f)	трансмиссія (f) trasmissione (f) transmisión (f)	10

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1	Einzelantrieb (m) der Werkzeugmaschinen separate *or* individual drive of machine tools commande (f) séparée des machines-outils	приведеніе (n) въ движеніе рабочихъ станковъ отъ отдѣльныхъ двигателей azionamento (m) separato *o* indipendente delle macchine-utensili mando (m) independiente de las máquinas herramientas
2	Gruppenantrieb (m) group drive commande (f) par groupe	групповый приводъ (m) azionamento (m) per gruppi mando (m) por grupos
3	Maschinenarbeit (f) machine work travail (m) mécanique *ou* à la machine	машинная работа (f) lavorazione (f) a macchina trabajo (m) mecánico
4	Handarbeit (f) hand work travail (m) manuel *ou* à la main	ручная работа (f) lavorazione (f) a mano trabajo (m) á mano
5	Lager (n), Magazin (n) stores dépôt (m), magasin (m)	складъ (m); магазинъ (m) magazzino (m), deposito (m) almacén (m)
6	Lagerraum (m) store room magasin (m), halle (f) de dépôt	помѣщеніе (n) склада sala (f) di deposito, magazzino (m) sala (f) de depósito, almacén (m)
7	Lagerboden (m) store loft grenier (m) du magasin	чердакъ (m) склада piano (m) (superiore) di deposito, tettoia (f), soffitto (m) dei magazzini desván (m) del depósito
8	Lagerkeller (m) store cellar cave (f) de dépôt	погребъ (m) склада cantina (f) di deposito, sotterraneo (m) del magazzino sotano (m) de depósito
9	Rohstofflager (n), Rohmateriallager (n) raw material store, rough stores magasin (m) *ou* dépôt (m) de matières brutes	складъ (m) сырыхъ матеріаловъ; складъ сырья magazzino (m) dei materiali greggi depósito (m) de materias brutas
10	Zwischenlager (n) (Halbfabrikate) intermediate stores magasin (m) des pièces demi-finies	складъ (m) заготовокъ deposito (m) del materiale in corso di lavorazione depósito (m) para piezas á medio-acabar

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Materialausgabe (f) office for giving out materials from the store local (m) pour la livraison des matériaux	выдача (f) матеріаловъ dispensa (f) dei materiali local (m) para la entrega de los materiales	1
Lagerverwalter (m), Materialienverwalter (m) store keeper magasinier (m)	завѣдующій складомъ (m); магазинщикъ (m) magazziniere-capo (m) administrador (m) de los depósitos, guarda-almacén (m)	2
Beamte (m) official employé (m)	служащій (m) impiegato (m) empleado (m)	3
Betriebsingenieur (m) works' engineer, works' manager ingénieur (m)-chef de service	заводскій инженеръ (m); инженеръ по заводу ingegnere (m) del servizio tecnico ingeniero (m) jefe del servicio técnico	4
Obermeister (m) shop foreman chef (m) d'atelier	главный мастеръ (m) capo-mastro (m) jefe (m) de los talleres	5
Meister (m), Werkführer (m) foreman, master mechanic contremaitre (m), maitre-ouvrier (m)	мастеръ (m) capo-operaio (m), capo-officina (m) jefe (m) de taller	6
Fräser (m) milling machine attendant fraiseur (m), ouvrier (m) travaillant à la fraiseuse	фрезовщикъ (m) fresatore (m) obrero (m) de la máquina de fresar, fresador (m)	7
Schlosser (m) fitter ajusteur (m), serrurier (m)	слесарь (m) congegnatore (m), aggiustatore (m), fabbro (m) cerrajero (m), mecánico (m), ajustador (m)	8
Werkzeugschlosser (m) tool maker ouvrier (m) de l'atelier d'outillage	инструментальный мастеръ (m) aggiustatore (m) *o* fabbro (m) d'attrezzi obrero (m) del taller de reparación de las herramientas	9
Dreher (m) turner tourneur (m)	токарь (m) tornitore (m) tornero (m)	10
Monteur (m) erector, fitter monteur (m)	монтёръ (m); слесарь (m) по сборкѣ montatore (m) montador (m)	11

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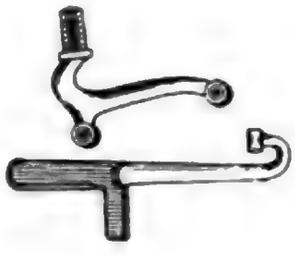
1	Installateur (m) fitter installateur (m)	установщикъ (m) montatore (m) instalador (m)
2	Lehrling (m) apprentice apprenti (m)	ученикъ (m) apprendista (m) aprendiz (m)
3	Stellmacher (m) wheel wright charron (m)	колесникъ (m) carradore (m) carretero (m)
4	Wagenbauer (m) coach *or* carriage builder carrossier (m)	каретникъ (m); телѣжникъ (m) carrozzaio (m), carrozziere (m) maestro (m) de coches, obrero (m) constructor de coches
5	Tischler (m) carpenter menuisier (m)	столяръ (m) falegname (m), legnaiuolo (m) carpintero (m)
6	Schmied (m) smith forgeron (m)	кузнецъ (m) fabbro-ferraio (m) herrero (m), forjador (m)
7	Wagenschmied (m), Beschlagschmied (m) coach founder, tyre smith ferreur (m)	кузнецъ (m) -каретникъ (m) fabbro-armatore (m), fabbro-carrozziere (m) herretero (m), herrero (m)
8	Vorarbeiter (m), Kolonnenführer (m) foreman, leading hand chef (m) d'équipe	заготовщикъ (m); старшій (m) въ бригадѣ primo operaio (m), capociurma (m), caposquadra (m) obrero (m) principal, capataz (m)
9	Hilfsarbeiter (m) mate, helper, squad hand aide (m), manœuvre (m)	сподручникъ (m) ausiliante (m), aiuto (m) peón (m)
10	Werkstück (n), Arbeitsstück (n) piece of work pièce (f) à usiner	обрабатываемый предметъ (m); часть (f), подлежащая обработкѣ pezzo (m) di lavoro, pezzo (m) da ultimare pieza (f) de trabajar
11	Gußstück (n) casting pièce (f) fondue	отливка (f) pezzo (m) fuso pieza (f) fundida
12	Schmiedestück (n) forging (forged piece) pièce (f) forgée, pièce (f) [venue] de forge	поковка (f) pezzo (m) fucinato pieza (f) forjada



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bearbeiten (v)
to work, to fashion
travailler (v), usiner (v), façonner (v), mettre (v) en œuvre

обрабатывать
lavorare (v)
trabajar (v), formar (v)
1

Bearbeitung (f)
working *or* treatment of material
travail (m), usinage (m), façonnage (m), mise (f) en œuvre

обработка (f)
lavorazione (f)
trabajo (m), confección (f)
2

Bearbeitungszugabe (f)
allowance for machining *or* working, finishing
surépaisseur (f) pour la mise en œuvre

напускъ (m) *или* прибавка (f) на обработку
sopramateria (f) per la lavorazione
sobre-espesor (m) para el trabajo
3

Ausschuß (m)
rejected material
déchet (m), rebut (m)

бракъ (m)
scarto (m)
desecho (m)
4

Altmaterial (n), Schrot (m)
scrap
vieux matériaux (m pl), ferraille (f)

бракованный матеріалъ (m) (напр. старое желѣзо и т. п.)
rottame (m), ferravecchi (m pl)
retazos (m pl)
5

kontrollieren (v), revidieren (v)
to check
contrôler (v), vérifier (v)

контроллировать; провѣр-ить (-ять)
controllare (v)
comprobar (v), verificar (v)
6

Gießerei (f)
foundry
fonderie (f)

литейная мастерская (f); литейная (f)
fonderia (f)
fundición (f)
7

Gießer (m)
founder, moulder, foundry hand
fondeur (m)

литейщикъ (m)
fonditore (m)
fundidor (m)
8

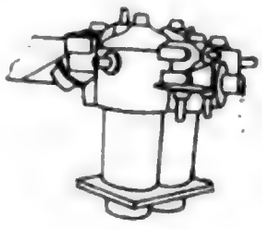
gießen (v)
to cast
couler (v)

отли-ть (-вать)
fondere (v), gettare (v)
fundir (v)
9

Guß (m)
casting
coulée (f), coulage (m)

литьё (n); отливка (f)
getto (m)
fundición (f)
10

Modell (n) [Gußmodell (n)]
pattern
modèle (m) de fonderie



модель (f); литейная модель
modello (m) di fusione
modelo (m) de fundición
11

Modelltischler (m), Modellschreiner (m)
pattern maker
modeleur (m)

модельщикъ (m)
modellatore (m)
modelador (m)
12

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1	undichter Guß (m), poröser Guß (m) porous casting fonte (f) poreuse	пористая отливка (f) getto (m) poroso fundición (f) porosa
2	blasiger Guß (m) honey-combed casting, casting containing blow holes fonte (f) piquée *ou* présentant des soufflures	пузырчатая отливка (f) getto (m) soffiato fundición (f) con ampollas *ó* burbujas
3	Gußspannung (f) stress set up in the casting tension (f) dans la fonte, contraction (f) dans la fonte, retrait (m) de la fonte	напряженіе (n) въ отливкѣ tensione (f) interna del getto tensión (f) *ó* contracción (f) en la fundición
4	vernickeln (v) to nickel, to nickel plate nickeler (v)	никкелировать nichelare (v) niquelar (v)
5	Vernickelung (f) nickeling nickelage (m)	никкелировка (f) nichelatura (f) niquelado (m)
6	plattieren (v) to electro-plate nickeler (v) par un procédé électro-chimique	плакировать; покрывать слоемъ металла ricoprire (v) con rivestimento galvanico niquelar (v) por un procedimiento electro-químico
7	schweißen (v) to weld souder (v) [à la température soudante du métal]	сваривать saldare (v) soldar (v) *ó* pegar (v) por reblandecimiento al fuego
8	autogene Schweißung (f) autogenous welding soudure (f) autogène	автогенная сварка (f); кислородо-газовая сварка *или* варка (f) saldatura (f) autogena soldadura (f) autógena
9	verbleien (v) to coat with lead plomber (v)	покрыть свинцомъ impiombare (v) emplomar (v)
10	Wasserdruckprobe (f) hydraulic test épreuve (f) *ou* essai (m) à la presse hydraulique	гидравлическая проба (f) prova (f) idraulica prueba (f) con la prensa hidráulica
11	mit Wasser abdrücken (v) to test hydraulically essayer (v) à la presse hydraulique	сдѣлать гидравлическую пробу provare (v) al torchio idraulico ensayar (v) con la prensa hidráulica
12	verkitten (v) to cement, to stop mastiquer (v)	замазать мастикой chiudere (v) con mastice, stuccare (v) fijar (v) con masilla

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den Motor probieren (v) to test the motor essayer (v) le moteur	испытать двигатель; испробовать моторъ provare (v) il motore ensayar (v) el motor	1
den Motor einlaufen lassen (v) to let the motor run itself in laisser (v) tourner le moteur pour qu'il se fasse	дать двигателю *или* мотору приработаться *или* притереться lasciare (v) funzionare il motore dejar (v) marchar el motor (para que se adapte)	2
den Motor abbremsen (v) to brake test the motor freiner (v) la puissance du moteur, mesurer (v) la puissance du moteur au frein	опредѣлить мощность двигателя тормаженіемъ *или* на тормазѣ frenare (v) il motore medir (v) la potencia del motor con el freno	3
Probierstation (f), Bremsstation (f), Prüffeld (n) testing department atelier (m) pour les essais	испытательная станція (f); станція для опредѣленія мощности мотора тормаженіемъ stazione (f) di frenatura, sala (f) di prova taller (m) para los ensayos [con el freno]	4
Probierstand (m) test bed *or* stand poste (m) d'essai	мѣсто (n) для испытаній posto (m) di prova compartimento (m) de ensayo	5
Bremsbock (m), Probierbock (m) brake carrier banc (m) d'essai *ou* d'épreuve	испытательный станокъ (m); станокъ для испытанія мощности мотора тормаженіемъ banco (m) di prova caballete (m) de ensayo	6
Bremsprobe (f) brake test essai (m) au frein	испытаніе (n) тормаженіемъ prova (f) al freno prueba (f) al freno	7
Bremszaum (m), Pronyscher Zaum (m) Prony brake frein (m) de Prony	тормазной нажимъ (m); тормазъ (m) Прони freno (m) del Prony freno (m) de Prony	8
Bremsdynamometer (n) brake dynamometer dynamomètre (m) de frein	тормазной динамометръ (m) dinamometro (m) di freno dinamómetro (m) de freno	9
Bremsdynamo (f) dynamo for brake test dynamo-frein (f)	тормазная динамомашина (f) *или* динамо (f) dinamo (f) da freno *o* freno elettrico dinamo-freno (m)	10

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1	elektrische Bremsung (f) electric braking freinage (m) électrique	электрическое тормаженіе (n) frenatura (f) elettrica frenado (m) eléctrico
2	Wirbelstrombremse (f) eddy current brake dynamo-frein (f) à courants de Foucault	тормазъ (m), дѣйствующій токами Фуко freno (m) a correnti di Foucault dinamo-freno (m) de corrientes de Foucault
3	Bremsung (f) durch Windflügel braking by means of air vanes *or* a fan freinage (m) par ailettes	тормаженіе (n) крыльями frenatura (f) al mulinello dinamometrico frenado (m) por aletas
4	Wasserbremse (f) water brake frein (m) hydraulique	гидравлическій тормазъ (m) freno (m) idraulico freno (m) hidráulico
5	Dauerprobe (f) long test run essai (m) prolongé *ou* de longue durée	продолжительное испытаніе (n) prova (f) di durata ensayo (m) prolongado *ó* de larga duración
6	Verbrauchsprüfung (f) consumption test essai (m) de consommation	испытаніе (n) на расходъ prova (f) di consumo ensayo (m) de consumo
7	Revision (f) der Lagerstellen inspection of the bearings révision (f) des paliers	осмотръ (m) подшипниковъ revisione (f) dei cuscinetti revisión (f) de los cojinetes
8	die Lager nachschaben (f) to scrape the bearings gratter (v) *ou* racler (v) les paliers	пришабрить подшипники raschiare (v) i cuscinetti rascar (v) los cojinetes
9	einen Motor auf Höchstleistung bringen (v) to bring *or* run a motor up to its maximum output porter (v) le moteur à sa puissance maximum	заставить двигатель *или* моторъ развить максимальную мощность portare (v) un motore al massimo del rendimento *o* al massimo carico hacer (v) trabajar el motor á la potencia máxima
10	ein Bremsprotokoll aufnehmen (v) to make a report on a brake test dresser (v) un procès verbal de l'essai au frein	занести въ протоколъ испытаніе тормаженіемъ redigere (v) un verbale della prova al freno redactar (v) un proceso verbal de la prueba al freno

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Bremsprotokoll (n), Prüfungsschein (m) brake test sheet procès (m) verbal d'essai au frein	протоколъ (m) объ испытаніи тормаженіемъ verbale (m) della prova al freno proceso (m) verbal de la prueba al freno	1
Bremszeugnis (n), Bremsattest (n) brake test certificate certificat (m) d'essai au frein	свидѣтельство (n) объ испытаніи тормаженіемъ; извлеченіе (n) изъ протокола объ испытаніи тормаженіемъ certificato (m) della prova al freno certificado (m) de la prueba al freno	2
ein Bremsattest ausstellen (v) to give a brake test certificate donner (v) un certificat d'essai au frein	выдать свидѣтельство объ испытаніи тормаженіемъ dare (v) un certificato della prova al freno dar (v) un certificado de prueba al freno	3
einen Wagen einfahren (v) to run-in a new car, to tune-up a car faire rouler (v) une voiture pour la mettre au point	объѣздить *или* обкатить автомобиль provare (v) una vettura su strada hacer (v) rodar el coche para ensayo *ó* puesto en punto	4
das Getriebe einlaufen lassen (v) to run the gear in, to sweeten the gear permettre (v) aux engrenages de se faire	дать передачамъ приработаться lasciare (v) gli ingranaggi smerigliarsi hacer (v) que los engranajes se adapten	5
die Schaltung gängig machen (v) to work-in the hand gear, to get the hand gear into smooth working order mettre (v) la commande en ordre de marche	приготовить сцѣпленіе къ пуску въ ходъ rendere (v) scorrevole la manovra delle leve poner (v) el mecanismo en orden de marcha	6
die Fahrgeschwindigkeit feststellen (v) to determine the speed of the car constater (v) la vitesse de la voiture	установить скорость коляски determinare (v) la velocità d'una vettura medir (v) la velocidad del coche	7
einen Wagen lieferfertig machen (v) to prepare a car for delivery finir (v) une voiture pour la livraison	приготовить коляску къ сдачѣ preparare (v) una vettura per la consegna acabar (v) un coche para la venta	8

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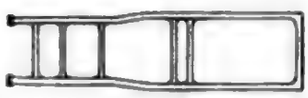
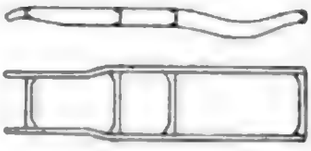
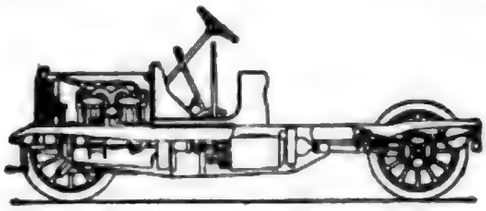
III.

Untergestelle — Шасси
Underframes — Carrelli
Châssis — Bastidores

	Rahmen **Frame** **Bâti**		**Рамы** **Telaio** **Bastidor**
1			
2	Rahmen (m) (nackter, zusammengenieteter Rahmen) frame bâti (m), châssis (m) [de voiture]		рама (f) telaio (m) (nudo, lungheroni e traverse inchiodati insieme) o intelaiatura (f) della vettura bastidor (m) [de coche]
3	Wagengestell (n) (mit Achsen und Rädern versehener Rahmen) car frame (with axles and wheels) châssis (m) [moteur] de voiture		шасси (n) incastellatura (f) di vettura chassis (m), bastidor (m) (con ruedas etc.)
4	Untergestell (n), Chassis (n) underframe, complete chassis châssis (m) (complet y compris le moteur)		полное шасси (n) carrello (m), »chassis« (m) (completo), automobile (m) senza scocca bastidor (m), chassis (m) completo
5	gerader Rahmen (m), glatter Rahmen (m) straight frame châssis (m) droit		прямая рама (f) telaio (m) diritto bastidor (m) recto
6	gebogener Rahmen (m) curved frame, bent frame châssis (m) cintré		гнутая рама (f); изогнутая рама telaio (m) curvato bastidor (m) curvado



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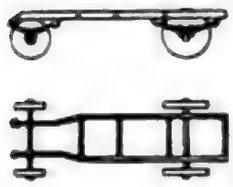
vorn eingezogener Rahmen (m)
frame with inswept *or* narrowed front
châssis (m) rétréci *ou* cintré à l'avant



рама (f), суженная спереди
telaio (m) rastremato sul davanti *o* anteriormente
bastidor (m) estrechado por delante

1

gekröpfter Rahmen (m)
joggled frame
châssis (m) coudé

колѣнчатая *или* колѣнная рама (f)
telaio (m) a gomito
bastidor (m) acodado

2

hinten hochgezogener Rahmen (m), hinten hochgekröpfter Rahmen (m)
frame with back portion raised
châssis (m) relevé à l'arrière

рама (f), изогнутая кверху въ задней части
telaio (m) rialzato nella parte posteriore *o* posteriormente
bastidor (m) levantado por atrás

3

Rohrrahmen (m), Röhrenrahmen (m)
tubular frame
châssis (m) en tubes, châssis (m) tubulaire

трубчатая рама (f)
telaio (m) a tubi *o* tubulare
bastidor (m) tubular *ó* de tubos

4

bewehrter *oder* armierter Holzrahmen (m)
armoured wood frame
châssis (m) en bois armé

армированная деревянная рама (f); деревянная рама, усиленная коробчатымъ желѣзомъ
telaio (m) di legno armato
bastidor (m) de madera armada

5

gepreßter Stahlrahmen (m)
pressed steel frame
châssis (m) en tôle d'acier emboutie [à la presse]

штампованная стальная рама (f)
telaio (m) di acciaio stampato
bastidor (m) de palastro embutido

6

mit Holz ausgefüllter Rohrrahmen (m)
tubular steel frame with wood cores, frame of rectangular steel tubing with wood cores
châssis (m) en tubes d'acier fourrés [de bois]

трубчатая рама (f) съ деревяннымъ заполненіемъ
telaio (m) di tubi d'acciaio con aste di legno all'interno
bastidor (m) de tubos de acero relleno de madera *ó* con alma de madera

7

Panzerrahmen (m), muldenförmig gepreßter Rahmen (m)
pressed steel frame with underguard of sheet steel all in one piece
châssis (m) à cuirasse emboutie formant carter

корытообразная *или* лотковидная штампованная рама (f); штампованная рама, образующая картеръ
telaio (m) di lamiera stampata in un pezzo solo
bastidor (m) acorazado

8

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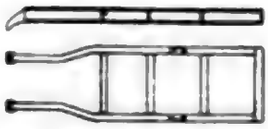
1 Walzeisenrahmen (m)
rolled section frame
châssis (m) en fers profilés (au laminoir)

рама (f) изъ прокатнаго желѣза
telaio (m) di ferro laminato
bastidor (m) de hierros perfilados

---

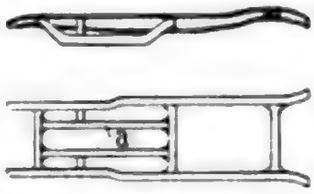
2 Formeisenrahmen (m)
section iron frame *or* chassis
châssis (m) en fers profilés



рама (f) изъ профильнаго желѣза
telaio (m) di ferro profilato
bastidor (m) de hierros perfilados

---

3 Hilfsrahmen (m), falscher Rahmen (m), Zwischenrahmen (m)
subframe, auxiliary frame
faux-châssis (m)



a

вспомогательная рама (f); внутренняя рама
telaio (m) ausiliare, telaio (m) falso
falso bastidor (m), bastidor (m) auxiliar

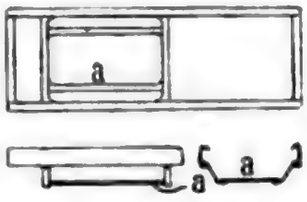
---

4 Lastwagenrahmen (m)
van *or* truck frame
châssis (m) de camion

рама (f) грузовика; рама для грузовиковъ
telaio (m) per carro da trasporto
bastidor(m) para camión

---

5 Motor und Getriebe tragender Zwischenrahmen (m)
auxiliary intermediate framework to carry engine gear *or* power plant (A)
faux-châssis (m) portant le mécanisme complet



a

промежуточная рама (f), несущая двигатель и передачу
falso telaio (m) portante il motore ed il meccanismo di trasmissione
falso bastidor (m) que sostiene todo el mecanismo

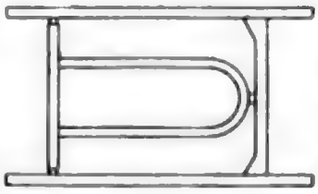
---

6 Batterieträger (m)
battery bearer
support (m) de batterie

балка (f), несущая батарею
sopporto (m) della batteria
soporte (m) de la batería

---

7 Zwischenrahmen (m) mit Dreipunktaufhängung, dreipunktig aufgehängter Zwischenrahmen (m)
intermediate *or* auxiliary frame attached to main frame by three point suspension
faux-châssis (m) lié au châssis par trois points de suspension



промежуточная рама (f), подвѣшенная къ главной рамѣ въ трёхъ точкахъ
falso telaio (m) sospeso in tre punti al telaio principale
falso bastidor (m) unido al principal por tres puntos de suspensión

---

8 einen Rahmen pressen (v)
to press a frame, to make a frame in the hydraulic press
emboutir (v) un châssis

штамповать рамы
stampare (v) un telaio
embutir (v) *ó* estampar (v) el bastidor

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Längsträger (m), Seitenträger (m) longitudinal bearer, frame member longeron (m)		продольная балка (f) lungherone (m) larguero (m)	1
Längsträger (m) von gleicher Höhe longitudinal bearer of uniform height longeron (m) de section uniforme		продольная балка (f) одинаковаго сѣченія lungherone (m) a sezione uniforme larguero (m) de sección uniforme	2
Längsträger (m) mit angepreßtem Federarm longitudinal bearer with pressed out spring carriers at the ends longeron (m) avec main de ressort emboutie		продольная балка (f) съ приштампованной лапкой для рессоры lungherone (m) con magnone stampato larguero (m) con mano de ballesta embutida	3
Steg (m) des U-Trägers web of channel iron bearer âme (f) de la poutre en [	a	ребро (n) швелернаго *или* корытнаго *или* коробчатаго *или* U-образнаго желѣза anima (f) della trave ad [alma (f) de la viga en [	4
Flansch (m) des U-Trägers flange of channel iron bearer aile (f) de la poutre en [	b	полка (f) швелернаго *или* корытнаго желѣза; закраина (f) коробчатаго *или* U-образнаго желѣза ala (f) della trave ad [tabla (f) de la viga en [	5
Querträger (m) cross bearer, transverse *or* cross member traverse (f), entretoise (f)	a, b	поперечная балка (f); поперечина (f) traversa (f) travesaño (m), riostra (f)	6
gerader Querträger (m) straight cross member *or* bearer traverse (f) droite, entretoise (f) droite		прямая поперечная балка (f) *или* поперечина (f) traversa (f) diritta travesaño (m) recto, riostra (f) recta	7
Lasche (f) fish plate éclisse (f), couvre-joint (m)		накладка (f) coprigiunto (m) cubrejunta (f)	8
Rohrquerträger (m) tubular cross member *or* bearer traverse (f) tubulaire	a	трубчатая поперечная балка (f) *или* поперечина (f) traversa (f) di tubo travesaño (m) tubular	9
aufgelötete Muffe (f) sleeve brazed on manchon (m) soudé aux extrémités	a	муфта (f), припаянная къ концамъ manicotto (m) saldato alle estremità manguito (m) soldado en los extremos	10

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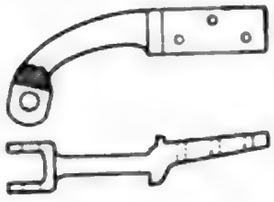
1 Federbefestigung (f)
fastening for the springs
fixation (f) des ressorts

укрѣпленіе (n) рессоръ
attacco (m) delle molle
sujeción (f) de las ballestas

2 Federhand (f)
spring carrier arm, dumb iron
main (f) de ressort

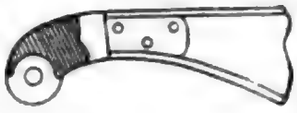


рессорный подвѣсъ (m); лапка (f) для рессоры
magnone (m) di attacco della molla
mano (f) de ballesta

3 offene Federhand (f)
open *or* forked spring carrier arm
main (f) de ressort ouverte

открытый рессорный подвѣсъ (m); открытая лапка (f) для рессоры
magnone (m) aperto
mano (f) de ballesta abierta

4 geschlossene Federhand (f)
closed spring carrier arm
main (f) de ressort fermée



закрытый рессорный подвѣсъ (m); закрытая лапка (f) для рессоры
magnone (m) chiuso
mano (f) de ballesta cerrada

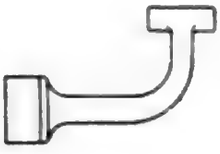
5 Federbock (m)
spring carrier *or* bracket
[support (m) de la] main (f) de ressort

рессорная державка (f); рессорный кулакъ (m)
magnone (m) per molla
[soporte (m) de la] mano (f) de ballesta

6 Vorderfederbock (m)
front spring carrier *or* bracket
main (f) de ressort avant

державка (f) *или* кулакъ (m) передней рессоры
magnone (m) per molla anteriore
mano (f) de ballesta delantera

7 Hinterfederbock (m)
rear spring carrier *or* bracket
main (f) de ressort arrière



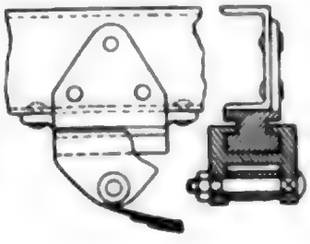
державка (f) *или* кулакъ (m) задней рессоры
magnone (m) per molla posteriore
mano (f) de ballesta trasera

8 Federgehänge (n)
spring suspension
suspension (f) de ressort

рессорная подвѣска (f)
tirante (m) di sospensione della molla
suspensión (f) de resorte

a

9 Federgleitschuh (m), Federschlitten (m)
slide shoe for free end of spring
attache (f) de ressort à glissière



рессорныя салазки (f pl); рессорный скользящій башмакъ (m)
pattino (m) della molla
soporte (m) de corredera para ballestas

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Rahmenbewehrung (f), Rahmenarmatur (f) frame fittings garnitures (f pl) du châssis		арматура (f) рамы armatura (f) del telaio armadura (f) del bastidor	1
Verbindungsstück (n) cross piece *or* stay transom entretoise (f)		связь (f); соединительное звено (n) giunto (m), pezzo (m) di collegamento riostra (f), travesaño (m)	2
Unterzug (m), Verstrebung (f) trussing, stay work support (m) armé	a a	укрѣпленіе (n) затяжкой съ подпорками; укрѣпленіе струнами и упорками armatura (f) soporte (m) armado	3
Strebe (f) stay, strut, truss tirant (m), jambe (f) de force, contrefiche (f)	a	подпружина (f); струна (f) contrafforte (m), puntone (m), zampa (f) di forza tirante (m), tornapunta (f)	4
versteifen (v), verstreben (v) to stiffen *or* stay *or* truss arcbouter (v), renforcer (v) au moyen d'une contrefiche		придавать жёсткость rinforzare (v) con un contrafforte, armare (v) reforzar (v) por medio de tirante *ó* contrapunta	5
Versteifung (f) staying, stiffening renforcement (m)		жёсткое скрѣпленіе (n) rinforzo (m) mediante contrafforte refuerzo (m)	6
Eckblech (n) gusset *or* corner plate gousset (m)	a a	угловой листъ (m); косынка (f) cantonale (m) escuadra (f) de unión	7
Knotenblech (n) butt strap couvre-joint (m), plaque (f) de joint *ou* d'éclissage, éclisse (f)	a a	узловой [связный] листъ (m); узловая накладка (f) изъ листового желѣза coprigiunto (m) cubrejunta (f), placa (f) de unión	8
Zwischenträger (m) intermediate bearer *or* member traverse (f) intermédiaire	a	промежуточная балка (f) traversa (f) di sostegno intermedia travesaño (m) intermedio	9

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1 Rohrmuffe (f)
socket
manchon (m), raccord (m) de tube

соединительная муфта (f) для трубъ
manicotto (m) di tubo
manguito (m)

2 T-Muffe (f)
T-socket
raccord (m) en forme de T

тройникъ (m); тройниковая муфта (f)
manicotto (m) a forma di T
manguito (m) en forma de T

3 Rahmenverbindung (f)
frame connection *or* joint
joints (m pl) des châssis, assemblage (m) du châssis

a

рамное соединеніе (n); соединенія (n pl) рамы
unione (f) del telaio
unión (f) ó ensambladura (f) del bastidor

4 genieteter Rahmen (m)
riveted frame
châssis (m) riveté

клёпанная рама (f)
telaio (m) ribadito
bastidor (m) remachado

5 autogen geschweißter Rahmen (m)
welded frame (by the autogenous welding process)
châssis (m) soudé à la soudure autogène

рама (f) автогенной сварки; рама кислородно-газовой сварки
telaio (m) saldato con saldatura autogena
bastidor (m) soldado con soldadura autógena

6 gelöteter Rahmen (m)
brazed frame
châssis (m) soudé

спаянная рама (f)
telaio (m) saldato
bastidor (m) soldado

7 Spannungsverbindung (f)
connection by ties *or* tension bars
assemblage (m) par serrage

натяжное соединеніе (n)
collegamento (m) forzato
ensambladura (f) por aprieto

8 Verbindung (f) durch Rohrschelle
pipe clip connection
serrage (m) et assemblage (m) par collier

соединеніе (n) скобой
collegamento (m) a collare
ensambladura (f) ó unión (f) por medio de collares

9 Holzschraube (f)
wood screw
vis (f) à bois

шурупъ (m)
vite (f) da legno
tornillo (m) con rosca para madera

10 Rahmenversteifung (f)
stiffening of the frame
renforcement (m) *ou* consolidation (f) du châssis

жёсткое укрѣпленіе (m) рамы
rinforzo (m) del telaio
refuerzo (m) ó consolidación (f) del bastidor

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Motorbock (m), Motorkonsol (n) engine bracket *or* lug patte (f) de suspension du moteur, console (f) de support du moteur	консоль (m) мотора *или* двигателя sopporto (m) *o* cavalletto (m) del motore brazo (m) de suspensión del motor, consola (f) de apoyo del motor	*1*
Motorträger (m) engine *or* motor bearer support (m) du moteur	балка (f), несущая моторъ *или* двигатель sopporto (m) del motore soporte (m) del motor	*2*
Schutzblech (n) sheet iron underguard *or* pan tôle (f) de protection	предохранительный кожухъ (m) lamiera (f) di protezione chapa (f) de protección	*3*
Schutzwanne (f) mud shield carter (m), cuvette (f) de protection	предохранительный картеръ (m) grembiale (m) inferiore di protezione carter (m), caja (f) de protección	*4*
Rahmensteifigkeit (f) rigidity of the frame rigidité (f) du châssis	жёсткость (f) рамы rigidità (f) del telaio rigidez (f) del bastidor	*5*
Belastungsverteilung (f) distribution of load répartition (f) de la charge	распредѣленіе (n) нагрузки ripartizione (f) del carico reparticiòn (f) de la carga	*6*
Rahmendurchfederung (f) elasticity of frame élasticité (f) du châssis	пружиненіе (n) рамы; эластичность (f) рамы elasticità (f) del telaio elasticidad (f) del bastidor	*7*
Rahmenverwindung (f) twisting of the frame torsion (f) *ou* gauchissement (m) *ou* faussage (m) du châssis	коробленіе (n) рамы contorcimento (m) del telaio torsión (f) del bastidor	*8*
verwinden (v) to twist gauchir (v), fausser (v)	коробиться; гнуться contorcersi (v) torcerse (v), ladearse (v)	*9*
(dauernde) Rahmendurchbiegung (f) bending *or* buckling of the frame flexion (f) permanente du châssis	постоянный прогибъ (m) рамы flessione (f) permanente del telaio flexión (f) del bastidor	*10*
Rahmenbruch (m) fracture of the frame rupture (f) de châssis	поломка (f) рамы rottura (f) del telaio rotura (f) del bastidor	*11*
gefährlicher Querschnitt (m) weak *or* insufficient *or* dangerous section section (f) dangereuse	опасное [поперечное] сѣченіе (n) sezione (f) pericolosa sección (f) peligrosa	*12*

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1	Widerstandmoment (n) moment of resistance moment (m) résistant *ou* de résistance	моментъ (m) сопротивленія momento (m) resistente momento (m) resistente
2	größte zulässige Belastung (f) maximum permissible load charge (f) maximum admissible	наибольшая *или* максимальная допустимая нагрузка (f) carico (m) massimo ammissibile carga (f) máxima admisible
3	höchste Beanspruchung (f) maximum strain effort (m) maximum	наибольшее *или* максимальное напряженіе (n) sforzo (m) massimo esfuerzo (m) máximo
4	Bodenfreiheit (f) clearance above the road level espace (m) libre (minimum) au-dessus du sol	разстояніе (n) самой низкой части отъ земли altezza (f) minima libera sotto il telaio espacio (m) libre mínimo por encima del suelo

5	**Achsen** **Axles** **Essieux**	**Оси** **Assi** **Ejes**
6	Achse (f) axle essieu (m)	ось (f) asse (m), sala (f) eje (m)
7	Wagenachse (f) car axle essieu (m) de voiture	экипажная ось (f) sala (f) da vettura eje (m) de coche
8	Tragachse (f) supporting axle, axletree (wood), axle which takes the weight essieu (m) porteur	несущая *или* опорная ось (f) sala (f) portante eje (m) portador
9	Pendelachse (f) oscillating *or* pivoted axle essieu (m) oscillant	качающаяся ось (f) sala (f) a movimento pendolare eje (m) oscilante
10	feststehende Achse (f) fixed *or* rigid axle essieu (m) fixe	неподвижная ось (f) sala (f) fissa eje (m) fijo
11	sich drehende Achse (f) rotating axle essieu (m) tournant	вращающаяся ось (f) sala (f) rotante eje (m) giratorio
12	gerade Achse (f) straight axle essieu (m) droit	прямая ось (f) sala (f) diritta eje (m) recto

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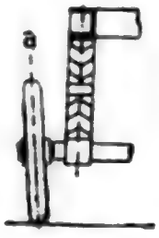
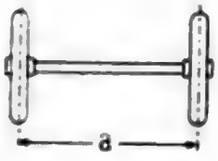
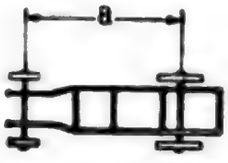
gekröpfte Achse (f) bent *or* cranked axle essieu (m) coudé		колѣнчатая ось (f) sala (f) ripiegata a gomito eje (m) acodado	1
Durchkröpfung (f) bend, crank coude (m)	a	колѣно (n); колѣнчатый изгибъ (m) gomito (m) codo (m)	2
tiefster Punkt (m) der Achse lowest point of axle point (m) le plus bas de l'essieu		низшая точка (f) оси punto (m) più basso della sala punto (m) más bajo del eje	3
Radmitte (f) centre of the wheel plan (m) médian du centre de roue	 a	средняя плоскость (f) колеса mezzeria (f) della ruota plano (m) medio del centro de la rueda	4
Spurweite (f) gauge, gage (A), track gauge, wheel track écartement (m) entre les axes des roues, écartement (m) de voie	 a	ширина (f) колеи; ширина хода scartamento (m), carreggiata (f) distancia (f) entre [los ejes de] las ruedas	5
Achs[ab]stand (m) axle base distance (f) entre les essieux, écartement (m) des essieux	 a	база (f); разстояніе (n) между осями; разстояніе между центрами осей; длина (f) хода interasse (m), distanza (f) fra le sale distancia (f) entre los ejes	6
Federspur (f), Federweite (f) distance between spring centres distance (f) entre les axes des ressorts	 a	разстояніе (m) между срединами рессоръ distanza (f) fra gli assi delle molle distancia (f) entre los ejes de los resortes	7
Federauflage (f) spring pad *or* block appui (m) du ressort, patin (m) d'essieu	b	опора (f) рессоры pattino (m) della molla placa (f) de apoyo del resorte	8
Federplatte (f), Federlappen (m) spring plate patin (m) d'essieu	b	планка (f) *или* башмакъ (m) для прикрѣпленія рессоры pattino (m) della molla, piastra (f) della molla placa (f) de apoyo del resorte	9

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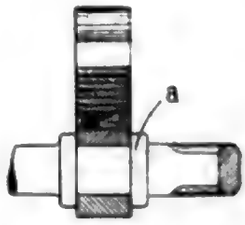
1 fest mit der Achse verbundene Feder (f)
spring fixed rigidly to the axle
ressort (m) assemblé rigidement avec l'essieu

рессора (f), скрѣплённая съ осью неподвижно
molla (f) collegata rigidamente colla sala
resorte (m) unido rigidamente al eje

2 gelenkig (drehbar) mit der Achse verbundene Feder (f)
spring linked to axle
ressort (m) articulé sur l'essieu

рессора (f), прикрѣплённая шарниромъ къ оси
molla (f) collegata a snodo colla sala
resorte (m) articulado con el eje

3 Federbund (m)
spring strap, spring stirrup piece
étrier (m) de serrage de ressort, bride (f) de ressort



a

хомутъ (m) рессоры; рессорный хомутъ (m)
staffa (f) della molla
brida (f) del resorte

4 Radsturz (m)
splay *or* dish of the wheel, tread
écuanteur (m)

a

набровъ (m) *или* набрёвность (f) колеса; наружный выгибъ (m) колеса; уклонъ (m) спицъ
conicità (f) della ruota
inclinación (f) del rayo sobre la llanta

5 Unterachse (f), Achsschenkelsturz (m)
set of the axle pin
dévers (m), carrossage (m)

a

наклонъ (m) *или* скосъ (m) осевыхъ шеекъ книзу
inclinazione (f) dei fusi
inclinación (f) del muñón hacia el suelo

6 stark gestürzte Achse (f)
axle with marked set
essieu (m) très déversé

сильно наклоненныя *или* скошенныя книзу осевыя шейки (f pl)
asse (m) con fusi a forte inclinazione
eje (m) muy inclinado

7 1,5 prozentige Unterachse (f)
inclination *or* set of axle of 1·5 %
dévers (m) *ou* carrossage (m) de 1,5 %

полуторапроцентный наклонъ (m) *или* скосъ (m) осевыхъ шеекъ книзу
asse (m) con fusi inclinati del 1,5 %
eje (m) de una inclinación de 1,5 %

8 Vorachse (f), Zustellung (f)
inward setting of the front axle, convergency of the front wheels
obliquité (f) des fusées *ou* convergence (f) des roues vers l'avant

наклонъ (m) осевыхъ шеекъ впередъ
invito (m) *o* inclinazione (f) dei fusi delle ruote anteriori (in modo da far convergere le ruote verso l'avanti)
oblicuidad (f) de los muñones hacia adelante

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Vorachse geben (v), zustellen (v)
to set the front *or* leading axles inward, to converge the front wheels
obliquer (v) les fusées vers l'avant

загнуть (загибать) осевыя шейки впередъ; давать осевымъ шейкамъ наклонъ впередъ
dare (v) l'invito alle ruote anteriori
hacer (v) convergir los muñones hacia adelante

1

Vorder[rad]achse (f), vordere [Rad-]Achse (f)
front *or* leading axle
essieu (m) d'avant

передняя ось (f); ось переднихъ колёсъ
sala (f) anteriore
eje (m) delantero

2

Vorderachse (f) mit Rädern, Vorderradsatz (m) mit Achse
front axle and wheels
train (m) de roues d'avant

переднія колёса (n pl) съ осью; передній колёсный скатъ (m); передній »ходъ« (m) колёсъ
sala (f) anteriore con ruote, coppia (f) *o* giuoco (m) di ruote anteriori con sala
juego (m) *ó* par (m) de ruedas delantero

3

Drehschemel (m)
bogie, pivoted bogie
train (m) de roues pivotant

a

поворотный шкворень (m)
treno (m) girevole
par (m) de ruedas giratorio

4

Lenkachse (f), Schwenkachse (f)
steering axle
essieu (m) directeur *ou* de direction

направляющая ось (f)
sala (f) direttrice *o* articolata
eje (m) director

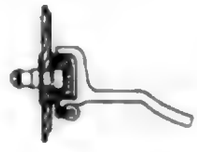
5

Mittelachse (f), mittlerer Achsteil (m)
middle portion of the axle, body of the axle
[partie (f) du] milieu (m) d'un essieu, corps (m) de l'essieu

средняя ось (f); средняя часть (f) оси
parte (f) media della sala
cuerpo (m) [principal] del eje

6

Gabelachse (f)
forked axle
essieu (m) chapé *ou* à chapes



ось (f) въ развилку
sala (f) a manicotto doppio *od* a forchetta
eje (m) ahorquillado

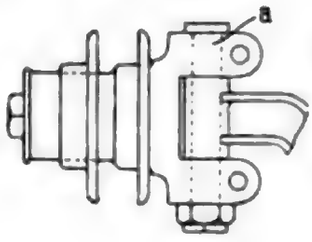
7

Steuerschenkel (m), Lenkschenkel (m)
steering swivel *or* knuckle (A)
fusée (f) à pivot *ou* à cheville *ou* à tourillon

поворотная *или* вращающаяся шейка (f) оси; направляющій поводокъ (m) оси
fuso (m) a snodo di direzione
cañonera (f) *ó* muñon (m) de pivote *ó* de chaveta

8

Lenkzapfen (m)
steering swivel journal
pivot (m) de direction



направляющая поворотная цапфа (f)
perno (m) di direzione
pivote (m) de dirección

9

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1 Lenkbolzen (m), Drehbolzen (m)
hinge bolt *or* pin for steering swivel
tourillon (m) ou cheville (f) de direction

направляющій болтъ (m); направляющая шейка (f)
bollone (m) di direzione
chaveta (f) de dirección

a

2 der Drehbolzen ist ausgeschlagen
the pivot pin has worked out
le pivot de direction est sorti de sa chape

поворотный болтъ (m) вышибленъ
il perno di direzione è uscito dal suo sopporto
el pivote de dirección es salido de su abrazadera

3 Druckpfanne (f)
pivot socket *or* bearing
crapaudine (f) d'appui

упорный дискъ (m)
sopporto (m), bronzina (f) *o* cuscinetto (m) di appoggio
grano (m) de la articulación

4 Drucklager (n)
thrust bearing
butée (f), palier (m) de butée

подпятникъ (m); упорный подшипникъ (m)
cuscinetto (m) di spinta
cojinete (m) de tope

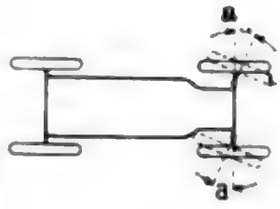
5 Achsschenkel (m)
steering swivel
fusée (f) d'essieu

осевая шейка (f)
snodo (m) *o* estremità (f) snodata della sala
cañonera (f) ó muñón (m) del eje

6 Winkelschenkel (m)
cranked steering swivel
articulation (f) d'essieu

угловая осевая шейка (f)
snodo (m) a gomito
articulación (f) de eje, rótula (f) de eje

7 Ausschlag (m)
[angle of] deviation
[angle (m) de] braquage (m)



a

уголъ (m) поворота
deviazione (f), sterzo (m), angolo (m) di sterzo
[ángulo (m) de] desviación (f)

8 Patentachse (f)
patent axle
essieu (m) patent

патентованная ось (f)
sala (f) tipo »patent« (con fusi)
eje (m) patente

9 Achsbüchse (f)
axle sleeve *or* bush
boîte (f) d'essieu

осевая коробка (f) *или* втулка (f); букса (f)
boccola (f) della sala
caja (f) del eje

10 Laufbüchse (f)
journal bearing sleeve *or* bush
boîte (f) dans laquelle l'essieu tourne, boîte (f) d'essieu

осевая коробка (f); букса (f)
boccola (f) di scorrimento
caja (f) de eje

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Gleitlagerbüchse (f)
sliding bearing sleeve *or* bush
boîte (f) d'essieu lisse *ou* à frottement

букса (f) обыкновеннаго подшипника
boccola (f) della slitta, boccola del cuscinetto di scivolamento *1*
caja (f) de grasa, caja (f) ordinaria

Stoßring (m)
thrust washer
rondelle (f) de butée

a

упорное кольцо (n); заплечикъ (m)
anello (m) di spinta
anillo (m) de tope *2*

Stoßscheibe (f)
collar, shoulder
heurtequin (m), rondelle (f) d'essieu

b

упорный дискъ (m)
disco (m) *o* rosetta (f) di spinta
disco (m) de tope *3*

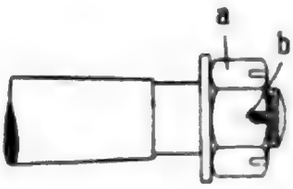
Lederring (m)
leather washer
bague (f) de cuir, rondelle (f) de cuir

кожаное кольцо (n)
rondella (f) di cuoio
anillo (m) de cuero *4*

Achsmutterscheibe (f)
axle nut washer
rondelle (f) d'écrou d'essieu

шайба (f) осевой гайки
rondella (f) per dado della sala
arandela (f) de tuerca de eje *5*

Achsmutter (f)
axle nut
écrou (m) d'essieu



a

осевая гайка (f)
dado (m) della sala
tuerca (f) de eje *6*

Achsmuttersicherung (f)
locking device for axle nut
fixe-écrou (m) d'essieu, goupille (f) d'écrou d'essieu

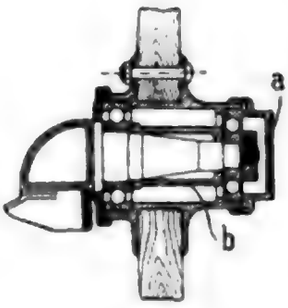
b

замóкъ (m) осевой гайки
fissa-dado (m) della sala
pasador (m) de la tuerca del eje *7*

Achsnagel (m), Vorstecker (m)
axle pin, linch pin, cotter pin
cheville (f), clavette (f) d'essieu

чека (f); осевой засовъ (m) *или* шплинтъ (m)
caviglia (f) della sala
chaveta (f) de eje *8*

Kugellagerachse (f)
axle with ball bearings
essieu (m) avec roulements à billes *ou* avec paliers à billes



ось (f) на шариковыхъ подшипникахъ
sala (f) con sopporto a sfere
eje (m) con cojinete de bolas *9*

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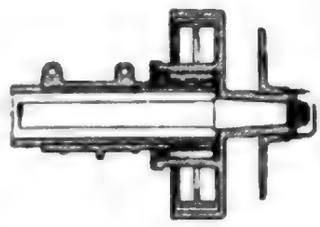
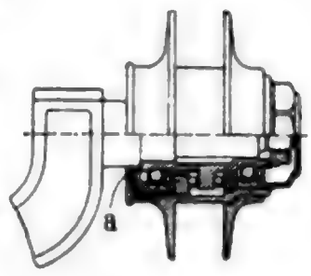
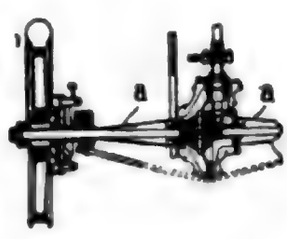
1	Achskappe (f), Verschlußkappe (f) axle cap chapeau (m) d'essieu	a	осевой колпакъ (m) осевая шляпка (f) copripolvere (m) della sala sombrerete (m) de eje
2	Distanzbuchse (f) des Kugellagers distance tube of the ball bearing box *or* cage douille (f) d'écartement des cages de paliers à billes	b	распорная втулка (f) между шариковыми подшипниками boccola (f) di scartamento delle sfere nel sopporto, gabbia (f) di ritegno delle sfere nel sopporto manguito (m) de distancia de las jaulas del soporte de bolas
3	Rollenlagerachse (f) axle with roller bearings essieu (m) avec palier à rouleaux		ось (f) на роликовыхъ подшипникахъ sala (f) con sopporto a rulli eje (m) con cojinete de rodillos
4	Achse (f) mit Trag- und Stützlager axle with combined weight carrying and thrust bearing essieu (m) avec palier porteur et de butée combinés		ось (f) съ комбинированными опорнымъ и упорнымъ подшипниками sala (f) con sopporto portante e di spinta combinato eje (m) con soporte de apoyo y de tope combinados
5	Lagerabdichtung (f) bearing packing, oil retaining packing joint (m) étanche de palier	a	уплотненіе (n) подшипника; прокладка (f) въ подшипникѣ chiusura (f) a tenuta del sopporto empaquetadura (f) del soporte
6	Filzring (m) felt ring bague (f) de feutre, rondelle (f) de feutre	a	войлочное кольцо (n) anello (m) di feltro anillo (m) de fieltro
7	Hinter[rad]achse (f) rear *or* back *or* trailing axle essieu (m) arrière		задняя ось (f); ось заднихъ колёсъ sala (f) posteriore eje (m) posterior ó trasero
8	Kardan[hinter]achse (f) lone axle essieu (m) arrière à Cardan		задняя ось (f) для передачи посредствомъ кардана sala (f) posteriore alla Cardano, ponte (m) cardanico eje (m) motor de Cardan

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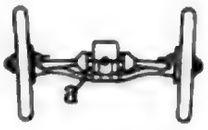
Hinterachstrichter (m), kegelförmiges Hinterachsrohr (n)
back *or* rear axle tube, funnel shaped back axle casing
tube (m) conique entourant l'essieu différentiel

a

воронкообразная коробка (f) *или* коническая трубка (f) задней оси
custodia (f) per sala posteriore formante imbuto
envoltura (f) cónica del árbol diferencial

1

Hinter[achs]brücke (f)
lone axle differential casing
pont-arrière (m)

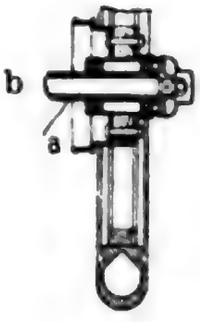


a

задній мостикъ (m); оси (f pl) заднихъ колёсъ
ponte (m) posteriore
árbol (m) trasero de diferencial

2

Hinterachsrohr (n)
back axle tube
corps (m) tubulaire *ou* tube (m) de l'essieu arrière, tube (m) fourreau



a

коробка (f) *или* трубка (f) задней оси
tubo (m) di protezione della sala posteriore
cuerpo (m) tubular del eje motor

3

Mitnehmerwelle (f)
clutch shaft
essieu (m) d'entraînement

b

захватный валъ (m)
asse (m) di trascinamento
árbol (m) de arrastre

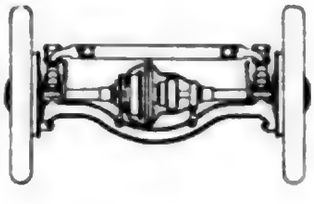
4

Hinterachse (f) mit Gleitlagern
rear axle with plain bearings
essieu (m) arrière avec paliers de glissement

задняя осъ (f) съ обыкновенными подшипниками *или* съ подшипниками со скользящимъ треніемъ
sala (f) posteriore con sopporto slittante
eje (m) motor con cojinete de rodamiento

5

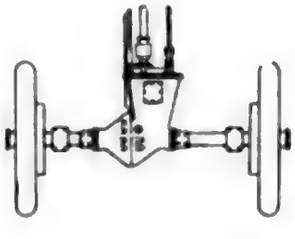
Hinterachsbrücke (f) mit fester Tragachse
back driving axle with rigid supporting axle
pont-arrière (m) avec essieu porteur rigide



задній мостикъ (m) съ неподвижной опорной *или* несущей осью
ponte (m) posteriore con asse portante fisso
árbol (m) motor trasero con eje portador rígido

6

Hinterachsbrücke (f) mit fest angebautem Wechselgetriebe
back driving axle with change speed gear combined
pont-arrière (m) porteur du changement de vitesse



задній мостикъ (m), несущій коробку перемѣны скоростей
ponte (m) posteriore portante il cambio di velocità
eje (m) trasero portador del cambio de velocidad

7

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1	Schneckenantrieb (m) worm drive commande (f) par vis sans fin	червячная передача (f); винтовая передача (f) comando (m) a vite senza fine mando (m) por tornillo sin fin
2	Hinterachsbrücke (f) mit Schneckenantrieb back axle with worm drive pont-arrière (m) avec commande par vis sans fin	задній мостикъ (m) съ червячной *или* съ винтовой передачей ponte (m) posteriore con vite senza fine eje (m) de diferencial con mando por tornillo sin fin
3	Bremsbackenhalter (m) brake block holder porte-sabots (m) de frein	тормазной башмакъ (m) porta-ceppi (m) del freno porta-mordazas (m) de freno
4	Spannschloß (n) turnbuckle tendeur (m)	натяжной замóкъ (m); стяжная винтовая муфта (f) tenditore (m) tensor (m)
5	spannen (v), verspannen (v) to tighten up renforcer (v) par des tirants	натянуть; натягивать rinforzare (v) con tiranti reforzar (v) por tirantes
6	Achsbelastung (f) load on axle charge (f) de l'essieu	нагрузка (f) оси; давленіе (n) на ось carico (m) dell'asse *o* della sala carga (f) del eje
7	Durchfedern (n) der Achse springing of the axle fléchissement (m) de l'essieu	пружиненіе (n) оси inflessione (f) della sala flexión (f) del eje
8	die Achse ist verbogen the axle is bent l'essieu est faussé	ось (f) погнута la sala è piegata el eje está doblado
9	die Räder stehen X-beinig the wheels are askew les roues ont perdu leur parallélisme	колёса (n pl) потеряли параллельность le ruote hanno perduto il parallelismo las ruedas han perdido el paralelismo
10	die Achse richten (v) to straighten out the axle redresser (v) l'essieu	выправить ось drizzare (v) la sala enderezar (v) el eje
11	Achsbruch (m) fracture *or* breakage of the axle rupture (f) de l'essieu	поломка (f) оси rottura (f) della sala ruptura (f) del eje

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gebrochene Achse (f) broken axle essieu (m) rompu, essieu (m) brisé	сломанная ось (f) sala (f) rotta eje (m) roto	1
das Kugellager ist gebrochen the ball bearing is broken *or* fractured le palier [à roulement] à billes est brisé	шариковый подшипникъ (m) сломанъ il sopporto a sfere è rotto el cojinete de bolas está roto	2
ruhiger Gang (m) des Wagens smooth running of the car *or* carriage marche (f) douce de la voiture, roulement(m) doux de la voiture	спокойный ходъ (m) коляски marcia (f) dolce della vettura marcha (f) silenciosa del coche	3
Stoß (m) shock, bump cahot (m)	толчокъ (m); ударъ (m) scossa (f), urto (m) sacudida (f)	4
der Wagen stößt the car bumps la voiture cahote	коляска (f) трясётъ il veicolo (m) scuote el coche tropeza *ó* da sacudidas	5
Stoßwirkung (f) bumping action cahotement (m), cahotage (m)	тряска (f) effetto (m) di urto *o* di scossa efecto (m) del choque, traqueo (m)	6
Federung (f) springing, hanging on springs, providing with springs application (f) de ressorts, suspension (f) sur ressorts	подвѣшиваніе (n) на рессорахъ sospensione (f) a molle suspensión (f) sobre resortes	7
gefedert (adj) provided with springs, supported by springs garni (adj) de ressorts, suspendu (adj) sur ressorts	снабжённый рессорами attaccato (agg) a molla, sospeso su molle suspendido (adj) sobre resortes	8
Abfederung (f) shock absorption (by springs) amortissement (m) des cahots *ou* des chocs par les ressorts	смягченіе (n) *или* поглощеніе (n) толчковъ рессорами smorzamento (m) degli urti a mezzo delle molle amortiguamiento (m) de los golpes *ó* de las sacudidas por medio de resortes	9

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1 abfedern (v)
to absorbe shocks
garnir (v) de ressorts, amortir (v) les chocs *ou* cahots

снаб-дить (-жать) рессорами; подвѣсить (-шивать) на рессорахъ
guarnire (v) di molle
guarnecer (v) de resortes, amortiguar (v) los choques

2 weiche Federung (f)
weak springing *or* spring suspension
suspension (f) douce sur ressorts

мягкое пружиненіе (n); подвѣшиваніе (n) на мягкихъ рессорахъ; снабженіе (n) мягкими рессорами
sospensione (f) elastica dolce
suspensión (f) elástica ó dulce sobre resortes

3 harte Federung (f)
strong springing *or* spring suspension
suspension (f) dure sur ressorts

жёсткое пружиненіе (n); подвѣшиваніе (n) на жёсткихъ рессорахъ; снабженіе (n) жёсткими рессорами
sospensione (f) elastica dura
suspensión (f) dura sobre resortes

4 **Federn** / **Springs** / **Ressorts**

Рессоры / **Molle** / **Resortes**

5 [Wagen-]Feder (f)
car *or* wagon spring
ressort (m) [de voiture]

рессора (f) экипажа; экипажная рессора
molla (f) da vettura
resorte (m) de coche

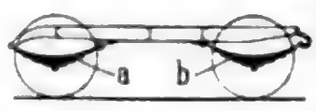
6 Schraubenfeder (f)
volute spring
ressort (m) à boudin *ou* en boudin, ressort (m) hélicoïdal

спиральная рессора (f); [фиг.:] коническая рессора
molla (f) ad elica, molla (f) spirale
resorte (m) en espiral

7 Blattfeder (f), geschichtete Feder (f)
plate *or* laminated *or* leaf spring
ressort (m) à lames, ressort (m) feuilleté

листовая рессора (f)
molla (f) a lamina, molla (f) a foglia
resorte (m) de hojas, ballesta (f)

8 Vorderfeder (f)
front spring
ressort (m) d'avant



a

передняя рессора (f)
molla (f) d'avanti *o* anteriore
ballesta (f) delantera, resorte (m) delantero

9 Hinterfeder (f)
back *or* rear spring
ressort (m) d'arrière

b

задняя рессора (f)
molla (f) di dietro *o* posteriore
resorte (m) trasero, ballesta (f) trasera

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Querfeder (f)
transverse spring
ressort (m) transversal

поперечная рессора (f)
molla (f) trasversale 1
resorte (m) transversal

Halbellipsenfeder (f), [Halbelliptikfeder (f)]
semi elliptical spring
ressort (m) [à] demi-pincette, ressort (m) demi-elliptique

полу-эллиптическая рессора (f)
molla (f) a balestra 2
resorte (m) semi-elíptico, ballesta (f)

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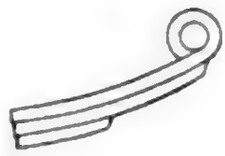
gerollte Feder (f)
plate spring with eyes turned in the ends
ressort (m) à rouleaux

рессора (f) съ загнутыми ушками
molla (f) con occhiello 3
ballesta (f) de rodillo

---

nach oben gerollte Feder (f), aufwärts gerollte Feder (f)
plate spring with eyes turned upwards
ressort (m) à rouleaux au-dessus



рессора (f) съ загнутыми кверху ушками
molla (f) con occhiello all'insù 4
ballesta (f) de rodillos superiores ó hacia arriba

---

nach unten gerollte Feder (f), abwärts gerollte Feder (f), untergerollte Feder (f)
plate spring with eyes turned downwards
ressort (m) à rouleaux en-dessous

рессора (f) съ загнутыми книзу ушками
molla (f) con occhiello all'ingiù 5
ballesta (f) de rodillos inferiores ó hacia abajo

Ellipsenfeder (f), Elliptikfeder (f), Scherfeder (f)
elliptical spring
ressort (m) à pincette, ressort (m) elliptique

эллиптическая рессора (f)
molla (f) a balestra doppia 6
ballesta (f) doble

Dreiviertelfeder (f) [mit Gelenken]
three quarter elliptical jointed spring
ressort (m) demi-pincette [à charnières]

трёхчетвертная рессора (f) [съ шарнирами]
molla (f) a balestra con mezza molla articolata [con cerniere] 7
ballesta (f) y media [de charnelas]

Dreiviertelfeder (f) mit Lasche
three quarter elliptical spring with cover plate *or* link *or* shackle
ressort (m) demi-pincette à jumelle

трёхчетвертная рессора (f) съ серьгой
molla (f) a balestra con mezza molla articolata stecche *o* biscottini 8
ballesta (f) y media con suspensión de placas gemelas

Dreiviertelfeder (f) mit Krümmung
three quarter elliptical spring with swan neck
ressort (m) demi-pincette à crosse

трёхчетвертная рессора (f) съ загибомъ
molla (f) a balestra con mezza molla curvata 9
ballesta (f) y media de cayado

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1	Dreiviertelellipsenfeder (f), Dreiviertelelliptikfeder (f) three quarter elliptical spring ressort (m) en crosse, ressort (m) elliptique $^3/_4$	трёхчетвертная эллиптическая рессора (f) molla (f) a calcio ellittica ballesta (f) de cayado, ballesta (f) $^3/_4$
2	S-Feder (f) S-shaped spring ressort (m) en S	S-образная рессора (f) molla (f) ad S ballesta (f) en S
3	C-förmige Scherfeder (f) mit Gelenk elliptical C-spring ressort (m) [à] demi-pincette en C à articulation	C-образная эллиптическая рессора (f) съ шарниромъ molla (f) a balestra a forma di C con cerniera góndola (f) ó ballesta (f) en C con charnela
4	gehärtete Feder (f) tempered spring ressort (m) trempé	закаленная рессора (f) molla (f) temperata resorte (m) templado
5	Härteriß (m) crack *or* fissure *or* flaw from tempering fissure (f) de trempe	трещина (f); полученная при закалкѣ frattura (f) per eccesso di tempera grieta (f) debida al temple
6	ungehärtete Feder (f) soft *or* untempered spring ressort (m) non trempé	незакаленная рессора (f) molla (f) non temperata resorte (m) sin temple
7	halb geschliffene Feder (f) half polished spring ressort (m) demi-meulé *ou* demi-poli	рессора (f), отшлифованная на половину molla (f) semi-smerigliata resorte (m) semi-esmerilado ó semi-pulido
8	blank geschliffene Feder (f) polished spring ressort (m) meulé	начисто отшлифованная рессора (f) molla (f) tirata a lucido resorte (m) esmerilado ó pulido
9	die Federblätter allseitig schleifen (v) te polish the spring plates all over polir (v) les feuilles de ressort de tous les côtés *ou* sur toutes leurs faces	отшлифовать (отшлифовывать) рессорные листы со всѣхъ сторонъ smerigliare (v) le lamine di molla da ambe le parti pulir (v) las hojas del resorte en todas las superficies
10	Quietschen (n) der Feder squeaking of the spring grincement (m) du ressort	скрипъ (m) рессоры cigolio (m) della molla rechinamiento (m) del resorte

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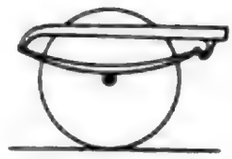
Ersatzfeder (f), Reservefeder (f)
spare spring
ressort (m) de réserve, ressort (m) de rechange

запасная рессора (f)
molla (f) di riserva, molla (f) di ricambio
resorte (m) de reserva
1

wagerechte Feder (f)
horizontal spring
ressort (m) droit

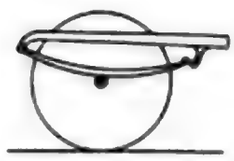


горизонтальная рессора (f)
molla (f) orizzontale
resorte (m) recto
2

Lage (f) der Feder zum Rahmen
position of the spring to the frame
position (f) du ressort par rapport au châssis

положеніе (n) рессоры по отношенію къ рамѣ
posizione (f) della molla rispetto al telaio
posición (f) del resorte con relación al bastidor
3

steigende Feder (f)
inclined spring
ressort (m) incliné



наклонная рессора (f)
molla (f) inclinata
resorte (m) inclinado
4

Steigung (f) der Feder
inclination of the spring
inclinaison (f) du ressort

a

наклонъ (m) рессоры
inclinazione (f) della molla
inclinación (f) del resorte
5

Ausrichten (n) der Feder
setting *or* adjustment of the spring
ajustage (m) du ressort, redressage (m) du ressort

выпрямленіе (n) рессоры
raddrizzamento (m) della molla
enderezamiento (m) del resorte
6

feste Feder (f)
spring with semi-rigid suspension
ressort (m) fixé à la main

рессора (f), укрѣплённая неподвижно
molla (f) fissa
ballesta (f) fija á mano
7

in Laschen aufgehängte Feder (f)
spring hung in shackles
ressort (m) suspendu par des jumelles

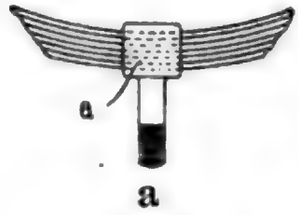
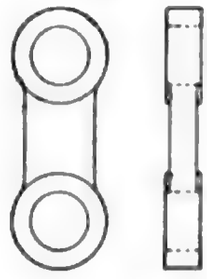
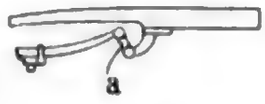
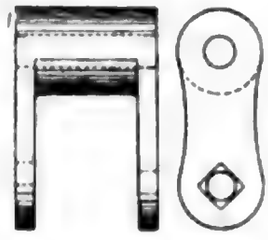
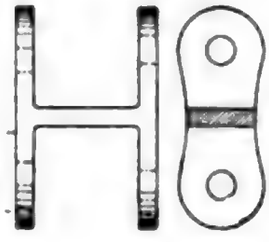
рессора (f), подвѣшенная посредствомъ плоскихъ серёгъ
molla (f) sospesa con maglie
ballesta (f) suspendida por placas gemelas
8

in Schlitten verschiebbare Feder (f)
spring arranged to slide in grooves
ressort (m) à glissières

рессора (f) съ передвиженіемъ въ салазкахъ
molla (f) a pattino
ballesta (f) de correderas
9

Befestigung (f) der Feder auf der Achse
fixing of the spring to the axle
attache (f) du ressort sur l'essieu

укрѣпленіе (n) рессоры на оси
attacco (m) della molla sull'asse
fijación (f) del resorte ó de la ballesta sobre el eje
10

1	Federband (n), Federbride (f) spring stirrup *or* bridle *or* buckle étrier (m) de ressort, bride (f) de ressort		хомутъ (f) рессоры; рессорный хомутикъ (m) staffa (f) della molla brida (f) del resorte, estribo (m) de la ballesta
2	die Federbänder festziehen (v) to tighten up the buckles serrer (v) à bloc les brides		затянуть рессорные хомуты tirare (v) a fondo le staffe apretar (v) las bridas
3	Federschuh (m) hinge of spring bride (f) de ressort	 a	рессорный башмакъ (m) scarpa (f) della molla brida (f) de resorte
4	Federlager (n) spring bearing *or* seating bride (f) de ressort formant palier	 a	опора (f) рессоры sopporto (m) della molla brida (f) de ballesta formando soporte
5	[Feder-]Lasche (f) shackle huit (m) de ressort		плоская серьга (f) maglia (f) di molla, biscottino (m) placa (f) en ocho de suspensión de resorte
6	Hängelasche (f) (suspension) shackle huit (m) de suspension	 a	серьга (f) для подвѣски maglia (f) di sospensione placa (f) en ocho de suspensión
7	Stehlasche (f), Stützlasche (f) (supporting) shackle huit (m) pendant *ou* d'appui	 a	опорная серьга (f) maglia (f) d'appoggio placa (f) en ocho de apoyo
8	Doppellasche (f) double shackle jumelles (f pl) de ressort, menotte (f)		двойная серьга (f) maglia (f) doppia placas (f pl) gemelas
9	Steglasche (f) H-shackle, stayed shackle jumelles (f pl) en une pièce		серьга (f) съ перегородкой; серьга въ видѣ буквы H maglia (f) rastremata placas (f pl) gemelas reunidas

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gepreßte Lasche (f)
pressed shackle
jumelles (f pl) matricées, huit (m) matricé

штампованная серьга (f)
maglia (f) stampata
placas (f pl) gemelas estampadas *ó* embutidas

1

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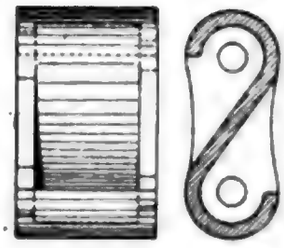
gegossene Lasche (f)
cast shackle
jumelles (f pl) fondues, huit (m) de ressort fondu

литая серьга (f)
maglia (f) fusa
placas (f pl) gemelas fundidas

2

S-Lasche (f), geschlossene Lasche (f)
S- *or* closed shackle
jumelles (f pl) de ressort fermées *ou* en S, huit (m) de ressort en S



S-образная серьга (f); замкнутая серьга
maglia (f) di sicurezza *o* in forma di S
placas (f pl) gemelas en forma de S

3

Federbolzen (m)
bolt of the spring, pin bolt, hinge pin
arc (m) de ressort

рессорный болтъ (m); болтъ для рессорныхъ подвѣсокъ
bullone (m) della molla
perno (m) de resorte

4

Federschmierung (f)
lubrication of spring
graissage (m) des ressorts

смазка (f) рессоръ
lubrificazione (f) della molla
engrase (m) del resorte

5

Schmierloch (n)
lubrication hole
orifice (m) pour le graissage

смазочное отверстіе (n)
luce (f) *o* foro (m) di lubrificazione
orificio (m) *ó* agujero (m) para el engrase

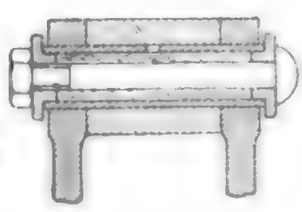
6

Staufferbüchse (f)
Stauffer lubricator
graisseur (m) Stauffer

маслёнка (f) Штауффера
ingrassatore (m) Stauffer
[vaso (m)] engrasador (m) Stauffer

7

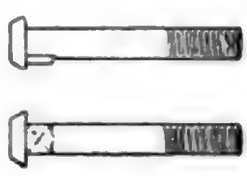
Federbolzen (m) mit Fettschmierung
spring pin *or* bolt with grease lubrication
goujon (m) de ressort à graissage à la graisse consistante



рессорный болтъ (m) съ густой смазкой *или* съ твёрдой мазью
perno (m) di molla con lubrificazione a grasso
perno (m) de resorte lubrificado con grasa consistente

8

Federbolzen (m) mit Nase *oder* Vierkant
spring bolt with square *or* feather neck
boulon (m) de ressort à ergot *ou* carré



рессорный подвѣсный болтъ (m) съ четырёхгранной головкой *или* съ выступомъ
perno (m) di molla con testa quadra
perno (m) de resorte de saliente cuadrado

9

Federabmessung (f)
spring dimension
dimensions (f pl) de ressort

размѣръ (m) рессоры
dimensioni (f pl) della molla
dimensiones (f pl) del resorte

10

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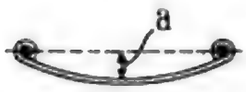
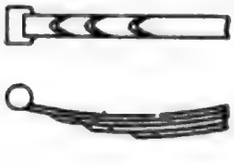
1	Federsprengung (f) camber *or* curvature of the spring flèche (f) d'un ressort		стрѣла (f) прогиба рессоры freccia (f) della molla flecha (f) del resorte
2	Pfeilhöhe (f), Stich (m) depth of curvature *or* camber [hauteur (f) de] flèche (f) du ressort	a	стрѣла (f) прогиба altezza (f) della freccia [altura (f) de] flecha (f) del resorte
3	die Feder nachsprengen (v) to reset the spring recintrer (v) le ressort		подогнуть рессору ristringere (v) la molla curvar (v) de nuevo el resorte
4	Federdurchbiegung (f) flexure *or* bending of the spring flexion (f) du ressort		прогибъ (m) рессоры flessione (f) della molla flexión (f) del resorte
5	belastete Feder (f) loaded spring (compressed *or* extended) ressort (m) chargé *ou* tendu *ou* bandé		нагружённая рессора (f) molla (f) caricata resorte (m) cargado
6	Federblatt (n) plate *or* leaf (of the spring) lame (f) de ressort, feuille (f) de ressort		рессорный листъ (m) lamina (f) *o* foglia (f) di molla hoja (f) del resorte
7	Federlage (f) plate *or* leaf of a laminated spring lame (f) *ou* feuille (f) de ressort		листъ (m) составной листовой рессоры foglia (f) di molla hoja (f) del resorte
8	Hauptblatt (n) main *or* carrier plate maîtresse-lame (f), maîtresse-feuille (f)		главный листъ (m) рессоры lamina (f) *o* foglia (f) maestra *o* principale hoja (f) maestra
9	Blattform (f) laminated form forme (f) de lame *ou* de feuille		форма (f) листа forma (f) della lamina forma (f) de la hoja
10	Blattzahl (f), Anzahl (f) der Federlagen number of laminae *or* plates *or* leaves nombre (m) de lames du ressort		число (n) рессорныхъ листовъ numero (m) delle lamine della molla número (m) de hojas
11	zugespitzte Blattenden (n pl) ends of plates *or* leaves tapered down extrémités (f pl) effilées des lames		заострённые концы (m pl) рессорныхъ листовъ estremità (f pl) appuntite delle lamine extremos (m pl) puntiagudos de las hojas

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Federauge (n)
eye of spring plate
œil (m) du rouleau de ressort

ушко (n) рессоры; рессорный валикъ (m); рессорная проушина (f) 1
occhiello (m) della molla
ojo (m) del rodillo de resorte

---

gerolltes Auge (n)
rolled eye
rouleau (m) enroulé

загнутое ушко (m); свёрнутый валикъ (m); свёрнутая проушина (f) 2
occhiello (m) avvolto
rodillo (m)

---

geschweißtes Auge (n)
welded eye
rouleau (m) soudé au feu

заварное ушко (n); сварная проушина (f); сварной валикъ (m) 3
occhiello (m) saldato
rodillo (m) soldado al fuego

---

ausgebuchstes Federauge (n)
bushed spring eye
rouleau (m) de ressort avec anneau de garniture

ушко (n) рессоры со вставленной втулкой
occhiello (m) di molla con boccola 4
rodillo (m) de resorte de guarnición metálica

Federbuchse (f)
spring eye bush
manchon (m) du rouleau de ressort

a

рессорная втулка (f) *или* букса (f)
manicotto (m) della molla 5
guarnición (f) de rodillo de resorte

---

ein Federblatt einrollen (v)
to turn an eye on the end of the spring plate
façonner (v) un rouleau

свернуть рессорный листъ; загнуть конецъ рессорнаго листа въ ушко
fare (v) un' occhiello alla lamina della molla 6
hacer (v) un rodillo

Federstift (m), Zapfenschraube (f)
spring eye bolt
goujon (m) de ressort

a

рессорный болтъ (m); болтъ для цапфы
caviglia (f) elastica con molla e chiavetta 7
perno (m) de resorte

Spitzkopf (m)
conical head
tête (f) cônique

a

заострённая головка (f)
testa (f) conica 8
cabeza (f) cónica

Lösen (n) der Blätter
slacking of the plates
desserrage (m) *ou* dégagement (m) des feuilles

отвинчиваніе (n) *или* разъединеніе (n) листовъ
sciogliere (v) le lamine 9
aflojamiento (m) de las hojas

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1 Aufspringen (n) der Blätter beim Lösen der Mittelschraube
springing of the plates, when dowel bolt is slackened
retroussement (m) des feuilles brusque, redressement (m) lors du dégagement du goujon

отскакиваніе (n) листовъ при отвинчиваніи средняго болта
saltar (v) fuori delle lamine nell'allentar la vite
el abrirse de las hojas aflojando el perno

---

2 Sperren (n), Klaffen (n)
gaping
s'écarter (v) [les unes des autres], s'ouvrir (v)

зазоръ (m)
lo stare aperte *o* lo scartarsi (l'una dall'altra) delle lamine d'una molla
abrirse (v)

---

3 die Spitzen [der Federblätter] sperren, die Spitzen klaffen
the ends of the spring plates gape *or* stand open
les extrémités [des feuilles de ressort] s'écartent les unes des autres

концы (m pl) [рессорныхъ листовъ] не соприкасаются плотно; концы гремятъ
le estremità delle lamine della molla stanno aperte
los extremos [de las hojas del resorte] están entreabiertos

---

4 eine Feder „binden" (v)
to build up a spring
assembler (v) *ou* serrer (v) les feuilles de ressort dans l'étrier

связать рессору
unire (v) le lamine di una molla
unir (v) las hojas del resorte con la brida

---

5 Verbindung (f) der Federblätter
binding the laminae *or* plates together
assemblage (m) des lames *ou* feuilles de ressort

соединеніе (n) рессорныхъ листовъ
unione (f) delle lamine d'una molla
unión (f) de las hojas del resorte

---

6 seitliches Verschieben (n) der Federblätter
lateral sliding of the spring plates
glissement (m) latéral des feuilles de ressort

боковое перемѣщеніе (n) рессорныхъ листовъ
spostamento (m) laterale delle lamine d'una molla
deslizamiento (m) lateral de las hojas de ballesta

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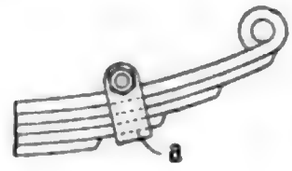
7 Sicherung (f) durch Bügel *oder* Federklammer
securing by means of stirrup *or* strap
fixation (f) par étrier



a

закрѣпленіе (n) посредствомъ хомута *или* скобы
attacco (m) a staffa
unión (f) *ó* fijación (f) por brida

---

8 gesickte Feder (f)
spring with U *or* channel set
ressort (m) à nervure en U

рессора (f) съ желобкомъ *или* съ горбикомъ
molla (f) con nervature in forma di U
hoja (f) con nervio en U

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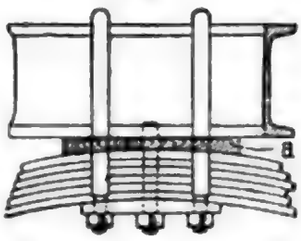
Federwarze (f) stop *or* steady pin of spring étoquiau (m)		пуговка (f) *или* выступъ (m) рессоры bottone (m) della molla resalto (m) *ó* tetón (m) de la hoja de resorte *ó* nervio (m) *1*
Federniet (m) spring pin, pin bolt rivet (m) d'assemblage des feuilles		рессорная заклёпка (f) perno (m) di molla remache (m) de unión de las hojas *2*
länglicher Schlitz (m) für die Federwarze *oder* den Federniet elongated slot for binding rivet rainure (f) d'étoquiau	 a	продольный прорѣзъ (m) для рессорной пуговки *или* для рессорной заклёпки *3* scanalatura (f) oblunga ranura (f) para los tetones
Federunterlage (f) bottom bearing of spring cale (f) *ou* tasseau (m) de ressort	 a	подкладка (f) подъ рессору reggimolla (m), appoggio (m) di molla taco (m) de resorte, calce (m) de resorte *4*
Federbelastung (f) load on spring charge (f) du ressort		нагрузка (f) рессоры carico (m) sulla molla carga (f) del resorte *5*
Belastungsprobe (f) load test essai (m) de charge		испытаніе (n) посредствомъ нагрузки prova (f) sotto carico ensayo (m) de carga *6*
Federkraft (f) elasticity élasticité (f)		упругость (f) forza (f) elastica elasticidad (f) *7*
Durchfederung (f) resilience flexion (f) élastique	$f = \sigma \frac{P \cdot l^3}{E \cdot i \cdot b \cdot h^2}$	прогибъ (m) flessione (f) elastica flexión (f) elástica *8*
Spannung (f) tension tension (f)		напряженіе (n); натяженіе (n) tensione (f) tensión (f) *9*
Spannkraft (f) [force of] tension [force (f) de] tension (f) (appliquée)		сила (f) натяженія forza (f) di tensione esfuerzo (m) de tensión (aplicado) *10*
eine Feder spannen (v) to stretch *or* put a spring under tension tendre (v) *ou* bander (v) un ressort		натя-нуть (-гивать) рессору tendere (v) *o* caricare (v) una molla tender (v) un resorte *11*
eine Feder entspannen (v) to release *or* relieve a spring détendre (v) un ressort		ослаб-ить (-лять) рессору distendere (v) una molla aflojar (v) *ó* soltar (v) un resorte *12*
Beanspruchung (f) stress effort (m) [subi]		усиліе (n); напряженіе (n) cimentazione (f), sforzo (m) esfuerzo (m) [sufrido] *13*

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1	zulässige Durchbiegung (f) der Feder permissable flexibility of spring flexion (f) du ressort admissible	допустимый прогибъ (m) рессоры flessione (f) ammissibile della molla flexión (f) admisible del resorte
2	Steifigkeit (f) der Feder stiffness *or* rigidity of the spring raideur (f) *ou* rigidité (f) du ressort	жёсткость (f) рессоры rigidezza (f) della molla rigidez (f) del resorte
3	Federmaterial (n), Rohstoff (m) für Federn spring material matières (f pl) élastiques	матеріалъ (m) для рессоръ materia (f) elastica material (m) elástico
4	Federstahl (m) spring steel acier (m) pour ressorts	сталь (f) для рессоръ acciaio (m) per molle acero (m) para resortes
5	Materialermüdung (f), Erlahmung (f) fatigue of the material fatigue (f) du métal	ухудшеніе (n) *или* ослабленіе (n) качества матеріала snervamento (m) del materiale fatiga (f) del metal
6	Federbruch (m) fracture of spring bris (m) de ressort	поломка (f) рессоры rottura (f) *o* frattura (f) della molla rotura (f) del resorte
7	Federarbeit (f) work of spring travail (m) élastique du ressort	работа (f) рессоры lavoro (m) dell'elasticità della molla trabajo (m) elástico del resorte
8	Dreieckfeder (f) triangular spring ressort (m) triangulaire	треугольная рессора (f) molla (f) tagliata triangolare resorte (m) triangular
9	elastische Nachgiebigkeit (f) elasticity souplesse (f), flexibilité (f)	гибкость (f), упругость (f) cedevolezza (f) elastica flexibilidad (f)
10	Schwingungsdauer (f) time of vibration, duration of oscillation durée (f) d'oscillation *ou* de vibration	время (n) *или* продолжительность (f) колебанія durata (f) dell'oscillazione duración (f) de la oscilación
11	Schwingung (f) oscillation, vibration oscillation (f)	колебаніе (n) oscillazione (f) oscilación (f)
12	ungedämpfte Schwingung (f) undamped oscillation oscillation (f) non amortie	не замедленное *или* не затормаженное колебаніе (n) oscillazione (f) non smorzata oscilación (f) no amortiguada

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gedämpfte Schwingung (f)
damped oscillation
oscillation (f) amortie

замедленное *или* затормаженное колебаніе (n)
oscillazione (f) smorzata
oscilación (f) amortiguada

1

Federdämpfung (f)
damping of the oscillation of the springs
amortissement (m) [des oscillations] du ressort

тормаженіе (n) рессоръ
smorzamento (m) delle oscillazioni della molla
amortiguamiento (m) de las oscilaciones del resorte

2

Begrenzung (f) des Federhubes
limitation of the movement *or* travel of the spring
limitation (f) de la variation de flèche du ressort

ограниченіе (n) хода рессоры
limitazione (f) del giuoco della molla
limitación (f) de la variación de flecha del resorte

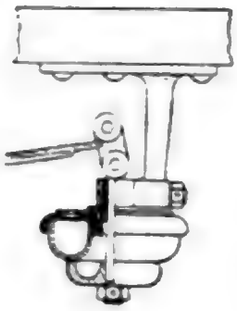
3

Schwingungsdämpfer (m)
oscillation absorber
amortisseur (m) d'oscillations

приборъ (m) для тормаженія колебаній; рессорный амортизаторъ (m) *или* буферъ (m)
smorzatore (m) dell'oscillazione
amortiguador (m) de oscilaciones

4

Federdämpfer (m), Stoßdämpfer (m)
shock reducer *or* absorber
amortisseur (m) de choc



приборъ (m) для смягченія толчковъ; рессорный амортизаторъ (m) *или* буферъ (m)
smorzatore (m) di scosse
amortiguador (m) de choques

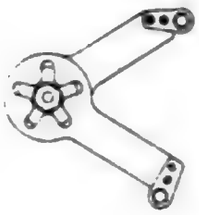
5

Gegenfeder (f)
counter spring
contre-ressort (m)

контръ-рессора (f)
contro-molla (f), molla (f) antagonista
contra-resorte (m)

6

Reibungsfederdämpfer (m)
friction shock absorber
amortisseur (m) par frottement



фрикціонный рессорный амортизаторъ (m) *или* буферъ (m)
smorzatore (m) con molla a frizione
amortiguador (m) de resorte por rozamiento

7

Scheibenstoßfänger (m)
friction disc shock absorber
amortisseur (m) utilisant le frottement de deux rondelles

дисковый фрикціонный амортизаторъ (m) *или* буферъ (m)
smorzatore (m) di scosse a disco di frizione
amortiguador (m) de choque por fricción de discos

8

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1 pneumatischer Stoßdämpfer (m)
pneumatic *or* air cushion shock absorber
amortisseur (m) [de choc] à air comprimé, amortisseur (m) à coussinet d'air

пневматическій амортизаторъ (m) *или* буферъ (m)
smorzatore (m) pneumatico
amortiguador (m) de aire comprimido

2 hydraulischer [Feder-] Dämpfer (m)
hydraulic shock absorber, dashpot
amortisseur (m) hydraulique

гидравлическій рессорный амортизаторъ (m) *или* буферъ (m)
smorzatore (m) idraulico
amortiguador (m) hidráulico

3 Spindelstoßdämpfer (m)
spindle shock absorber
amortisseur (m) à vis

амортизаторъ (m) со шпинделемъ; шпиндельный буферъ (m)
smorzatore (m) di scosse ad asta
amortiguador (m) de tornillo

4 Stoßfänger (m), Puffer (m), Buffer (m)
shock absorber *or* reducer, dashpot
amortisseur (m) de choc

буферъ (m)
smorzatore (m) di scosse, para-colpi (m)
para-choques (m), amortiguador (m) de chaques

5 Pufferfeder (f), Stoßfeder (f)
shock absorber *or* buffer spring
ressort (m) supplémentaire *ou* antagoniste, contre-ressort (m) amortisseur

буферная пружина (f)
molla (f) respingente, molla (f) paracolpi o antagonista
resorte (m) antagonista

6 Gummipuffer (m)
india-rubber buffer *or* cushion
ressort (m) en caoutchouc

резиновый буферъ (m)
paracolpi (m) di gomma
resorte (m) de caucho

7 die Stöße aufnehmen lassen (v)
to absorb the shocks
amortir (v) les chocs *ou* les cahots

ослаб-ить (-лять) толчки
smorzare (v) le scosse *od* i colpi
amortiguar (v) los choques

8 **Räder** — **Wheels** — **Roues**

Колеса — **Ruote** — **Ruedas**

9 Rad (n)
wheel
roue (f)

колесо (n)
ruota (f)
rueda (f)

10 Treibrad (n)
driving wheel, driver (A)
roue (f) motrice

рабочее *или* ведущее *или* движущее колесо (n)
ruota (f) motrice
rueda (f) motriz

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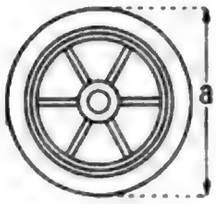
Laufrad (n) road *or* running wheel roue (f) porteuse	поддерживающее *или* свободное колесо (n) ruota (f) portante rueda (f) portadora	*1*
Vorderrad (n) front wheel roue (f) avant	переднее колесо (n) ruota (f) anteriore, ruota (f) davanti rueda (f) delantera	*2*
Hinterrad (n) back *or* rear wheel roue (f) arrière	заднее колесо (n) ruota (f) posteriore, ruota (f) di dietro rueda (f) trasera	*3*
Radumfang (m) periphery *or* circumference of wheel circonférence (f) de la roue	окружность (f) колеса circonferenza (f) della ruota circunferencia (f) de la rueda	*4*
Raddurchmesser (m) diameter of wheel diamètre (m) de la roue	діаметръ (m) колеса diametro (m) della ruota diámetro (m) de la rueda	*5*
Radumdrehung (f) revolution of the wheel tour (m) de roue, rotation (f) de la roue	оборотъ (m) колеса giro (m) di ruota, rotazione (f) della ruota rotación (f) *ó* giro (m) *ó* vuelta (f) de la rueda	*6*
Umfang[s]geschwindigkeit (f) peripheral velocity, circumferential speed vitesse (f) à la périphérie	окружная скорость (f); скорость по окружности velocità (f) periferica velocidad (f) periférica	*7*
Radbelastung (f) load on the wheel charge (f) de la roue	нагрузка (f) колеса carico (m) della ruota carga (f) de la rueda	*8*
Raddruck (m) wheel pressure pression (f) exercée par la roue	давленіе (n) колеса pressione (f) sulla ruota presión (f) ejercida por una rueda	*9*
spezifischer Bodendruck (m), Bodendruck (m) für die Flächeneinheit specific pressure on the road surface pression (f) par unité de surface sur le sol	удѣльное давленіе (n) на грунтъ; давленіе на грунтъ единицы поверхности обода колеса pressione (f) specifica sul terreno presión (f) por unidad de superficie sobre el suelo	*10*
Holzrad (n) wooden wheel roue (f) en bois	деревянное колесо (n) ruota (f) di legno rueda (f) de madera	*11*



a

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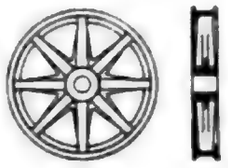
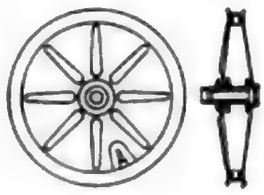
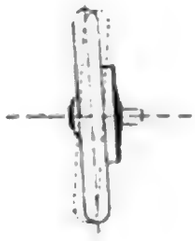
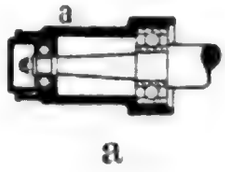
1	Drahtspeichenrad (n) wheel with steel spokes roue (f) à rayons en fil métallique	колесо (n) съ проволочными спицами ruota (f) a razze di filo metallico rueda (f) de rayos de alambre
2	Stahlgußrad (n) cast steel wheel roue (f) en acier coulé	колесо (n) изъ литой стали ruota (f) di acciaio fuso rueda (f) de acero fundido
3	Scheibenrad (n) disc wheel roue (f) pleine, roue (f) à disque	дисковое колесо (n) ruota (f) piena *od* a disco rueda (f) llena *ó* de disco
4	Rohrspeichenrad (n) wheel with tubular spokes roue (f) à rais tubulaires	колесо (n) съ трубчатыми *или* съ пустотѣлыми спицами ruota (f) a razze tubolari rueda (f) de rayos tubulares
5	Radbruch (m) fracture of wheel bris (m) de roue, cassure (f) *ou* fracture (f) de roue	поломка (f) колеса rottura (f) della ruota rotura (f) de la rueda
6	das Rad „schlägt" the wheel is out of truth la roue flotte	колесо (n) бьётъ la ruota sbatte la rueda golpea
7	Hutkrempe (f), verbogene Felge (f) curved rim jante (f) faussée	погнутый ободъ (m) cerchione (m) incurvato llanta (f) torcida
8	das Rad „läuft" *oder* „läuft rund" the wheel runs true la roue tourne bien, la roue est bien centrée	колесо (n) вращается правильно; колесо вращается въ центрѣ la ruota è ben centrata la rueda está bien centrada
9	Radstand (m) wheel base empattement (m)	база (f); разстояніе (n) между осями distanza (f) tra gli assi, interasse (m) distancia (f) entre los ejes
10	[Rad-]Nabe (f) boss, hub moyeu (m) de roue	ступица (f) [колеса] mozzo (m) della ruota cubo (m) de la rueda
11	Nabenkörper (m) body of the hub noyau (m) de moyeu	тѣло (n) ступицы corpo (m) del mozzo cuerpo (m) del cubo









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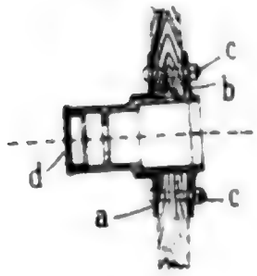
Nabenflansch (m), Nabenscheibe (f) flange of the boss *or* hub joue (f) rapportée de moyeu, contre-disque (m) de moyeu	 a	фланецъ (m) *или* закраина (f) ступицы flangia (f) del mozzo platillo (m) suelto del cubo, contra-disco (m) del cubo	*1*
Nabenkranz (m) flange ring of the hub flasque (m) de moyeu, disque (m) de moyeu	b	обойма (f) ступицы corona (f) del mozzo platillo (m) del cubo, disco (m) del cubo	*2*
Nabenschraube (f) bolt in the boss, hub bolt vis (f) de moyeu	c	[стыковый] болтъ (m) ступицы vite (f) del mozzo perno (m) del cubo	*3*
Nabenkapsel (f), Radkapsel (f) axle cap chapeau (m) de moyeu	d	шляпка (f) ступицы; колпакъ (m) колеса cappello (m) *o* copripolvere (m) del mozzo tapón (m) del cubo	*4*
Holznabe (f) mit eingepreßter Eisenbüchse wooden boss with iron bush pressed in moyeu (m) en bois à fourrure de fer mise à la presse	 a	деревянная ступица (f) съ загнанной помощью пресса желѣзной втулкой mozzo (m) di legno con boccola di ferro introdotta a forza cubo (m) de madera con guarnición de hierro embutida	*5*
Stahlgußnabe (f) mit eingepreßter Büchse cast steel hub with bush pressed in moyeu (m) en acier coulé avec fourrure emboitée à la presse		ступица (f) изъ литой стали съ загнанной помощью пресса втулкой mozzo (m) in acciaio fuso con boccola introdotta a forza cubo (m) de fundición de acero con caja embutida	*6*
aus Blech gedrückte Nabe (f) pressed-out boss *or* hub moyeu (m) en tôle emboutie		ступица (f), штампованная изъ листового желѣза mozzo (m) stampato *o* di lamiera stampata cubo (m) de palastro embutido	*7*
Gleitlagernabe (f) hub with ordinary bearing moyeu (m) à coussinet		ступица (f) съ обыкновеннымъ подшипникомъ mozzo (m) con cuscinetto cubo (m) de cojinete (de rozamiento)	*8*

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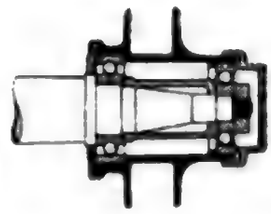
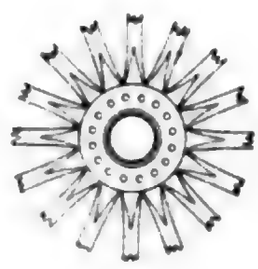
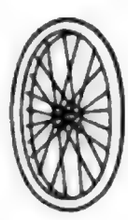
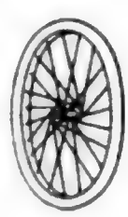
Kugellagernabe (f) ball bearing hub 1 moyeu (m) à roulement à billes, moyeu (m) pour coussinet à billes		ступица (f) съ шариковымъ подшипникомъ mozzo (m) con sopporto a sfere cubo (m) de cojinete de bolas
Ölabdichtung (f) 2 oil tighting joint (m) d'huile		прокладка (f) *или* набивка (f) для удержанія масла tenuta (f) d'olio cierre (m) por aceite
Ölkammer (f) 3 oil chamber chambre (f) de lubrification		камера (f) *или* резервуаръ (m) для масла scatola (f) di lubrificazione cámara (f) de lubrificación
Staubdeckel (m) 4 dust cap couvercle (m) protecteur de la poussière		крышка (f) для защиты отъ пыли coperchio (m) parapolvere guardapolvo (m)
Radstern (m) 5 spider, wheel centre centre (m) à rais		центръ (m) колеса stella (f) di razze centro (m) de rayos
Speiche (f), Radspeiche (f) 6 spoke rais (m)		спица (f); колёсная спица razza (f) *o* raggio (m) di ruota rayo (m), radio (m)
Holzspeiche (f) 7 wooden spoke rayon (m) en bois		деревянная спица (f) razza (f) di legno rayo (m) de madera
Radialspeiche (f) radial spoke 8 rayon (m) droit, rais (m) dirigé suivant le rayon [du cercle]		радіальная спица (f) razza (f) radiale rayo (m) recto *ó* radial
Tangentialspeiche (f) 9 tangential spoke rayon (m) tangentiel		тангентная *или* тангенціальная спица (f) razza (f) tangenziale rayo (m) tangencial

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Flacheisenspeiche (f) flat iron spoke rais (m) en fer plat		плоская желѣзная спица (f) razza (f) di ferro piatto rayo (m) de hierro plano	1
Rohrspeiche (f), Speiche (f) aus Rohr tubular spoke rais (m) tubulaire		трубчатая спица (f) razza (f) tubolare rayo (m) tubular	2
Drahtspeiche (f) wire spoke rayon (m) [en fil métallique]	a b	проволочная спица (f); спица изъ проволоки razza (f) di filo metallico rayo (m) de alambre	3
Speichengewinde (n) thread of the spoke filetage (m) de rayon	a	винтовая нарѣзка (f) спицы filetto (m) della razza filete (m) del rayo	4
Nippel (m) nipple raccord (m)	b	ниппель (m) raccordo (m) filettato manguito (m) de unión	5
Dickendspeiche (f) thick ended spoke rais (m) à patte *ou* à broche *ou* à pied		спица (f) съ лапкой razza (f) con incassatura larga, razza (f) da carreggio militare rayo (m) con espiga *ó* pie de unión	6
Speichenschuh (m) head of the spoke tête (f) de rayon		головка (f) спицы scarpa (f) del raggio cabeza (f) del rayo	7
eingezapfte Speiche (f) mortised-in spoke rais (m) emmortaisé	a	спица (f) со врѣзаннымъ шипомъ razza (f) incassata rayo (m) encajado	8
in den Nabenring eingelassene Speichen (f pl) spokes let into the boss of the wheel rais (m pl) logés entre les brides du moyeu		спица (f), вставленная въ кольцо ступицы razze (f pl) infisse nell' anello del mozzo rayos (m pl) encajados en las bridas del cubo	9
Stahlgußrad (n) mit Kreuzspeichen cast steel wheel with spokes of cross shaped cross section roue (f) en acier coulé avec rais à section cruciforme		колесо (n) изъ литой стали съ расположенными накрестъ спицами ruota (f) di acciaio fuso con razze a croce rueda (f) de acero colado con rayos de sección en cruz	10

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1	Stahlgußrad (n) mit hohlen Speichen wheel with cast steel felloe and hollow spokes roue (f) en acier coulé avec rais creux	колесо (n) изъ литой стали съ пустотѣлыми спицами ruota (f) di acciaio fuso con raggi vuoti rueda (f) de acero fundido con rayos huecos
2	Rad (n) mit Holz- und Drahtspeichen wheel with wooden and wire spokes roue (f) avec rais en bois et en fil métallique	колесо (n) съ деревянными и проволочными спицами ruota (f) con raggi di legno e di fildiferro rueda (f) con rayos de madera y de alambre
3	Verstärkung (f) der Speichen strengthening of the spokes renforcement (m) des rais	усиленіе (n) спицъ rinforzo (m) delle razze refuerzo (m) de los rayos
4	Sturz (m) der Speichen inclination of the spokes from the vertical écuanteur (m) des rais	набровъ (m) *или* набрёвность (f) спицъ; уклонъ (m) спицъ campanatura (f) delle razze inclinación (f) de los rayos
5	das Holz der Speiche ist gesund the wood of the spoke is sound le bois des rais est sain	спица (f) изъ безупрёчнаго дерева il legno del raggio è sano la madera de los rayos está sana
6	Astholz (n) tough branch wood bois (m) de branche	сучнякъ (m) legno (m) di ramo madera (f) de rama
7	angesplitterte Speiche (f) split spoke rais (m) fendillé *ou* éclaté	потрескавшаяся спица (f) razza (f) scheggiata rayo (m) agrietado
8	Radkranz (m) rim jante (f) *ou* couronne (f) (rapportée en métal) de roue	ободъ (m) колеса corona (f) della ruota corona (f) de la rueda
9	Felge (f) felloe jante (f)	ободъ (m) gavello (m) llanta (f)
10	Holzfelge (f) wooden felloe, rim (A) jante (f) en bois	деревянный ободъ (m) gavello (m) di legno llanta (f) de madera
11	zweiteilige Felge (f) felloe made in two pieces jante (f) en deux parties	деревянный ободъ (m) изъ двухъ согнутыхъ косяковъ *или* колодокъ gavello (m) in due pezzi llanta (f) en dos partes

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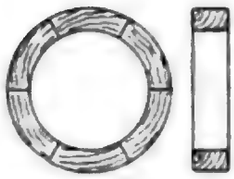
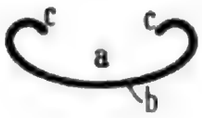
mehrteilige Holzfelge (f) felloe made of several pieces jante (f) en plusieurs parties, jante (f) sectionnée		косятчатый *или* раздѣльный *или* составной деревянный ободъ; деревянный ободъ, состоящій изъ нѣсколькихъ косяковъ *или* колодокъ gavello (m) in più pezzi llanta (f) seccionada *ó* de muchas piezas	1
Luftreifenfelge (f), Pneumatikfelge (f) pneumatic tyre rim jante (f) pour pneu		ободъ (m) для пневматической шины cerchione (m) per pneumatici llanta (f) para neumáticos	2
Blechfelge (f) steel rim jante (f) en tôle		ободъ (m) изъ листовой стали cerchione (m) di lamiera llanta (f) de chapa	3
einfache Stahlfelge (f) plain steel rim jante (f) simple en acier		простой стальной ободъ (m) cerchione (m) semplice di acciaio llanta (f) de acero sencilla	4
Felgenboden (m) base of rim fond (m) de la jante	a b	дно (n) *или* гнѣздо (n) обода superficie (f) interna del cerchione superficie (f) interior de la llanta	5
Felgenrand (m) edge of rim bec (m) de l'accrochage de la jante	c	закраина (f) *или* загибъ (m) обода orlo (m) del cerchione borde (m) de la llanta, talón (m) *ó* grapa (f) de llanta	6
Doppelhohlstahlfelge (f) hollow steel rim jante (f) à double fond en acier		пустотѣлый стальной ободъ (m); ободъ изъ трубчатой стали; двойной стальной ободъ cerchione (m) doppio di acciaio llanta (f) de acero doble	7
abnehmbare Felge (f) removable rim jante (f) démontable		съёмный ободъ (m) cerchione (m) smontabile llanta (f) desmontable	8
geteilte Felge (f) divided rim jante (f) sectionnée		составной ободъ (m) cerchione (m) diviso llanta (f) seccionada	9

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1	Felgenschlußring (m) retaining ring of rim frette (f) de jante, accrochage (m) démontable	обойма (f) *или* обручъ (m) обода anello (m) di chiusura del cerchione aro-grapa (m) desmontable
2	Felge (f) für Vollgummi rim for solid tyre jante (f) pour [bandage en caoutchouc] plein	ободъ (m) для сплошной *или* для массивной резиновой шины cerchione (m) per gomma piena llanta (f) para banda maciza
3	Grundfelge (f) main rim jante (f)	основной ободъ (m) cerchione (m) di base, primo cerchione (m) llanta (f)
4	auf den Radkranz aufgepreßte Felge (f) tyre rim pressed on to the wheel jante (f) forcée *ou* embattue à la presse	ободъ (m) для шины, насаженный помощью пресса на колесо cerchione (m) applicato a forza (col torchio) alla ruota llanta (f) embutida con la prensa sobre la corona
5	Lockerung (f) der Speichen in der Felge slacking of the spokes in the felloe *or* rim jeu (m) des rais dans la jante	расшатываніе (n) спицъ въ ободѣ allentamento (m) delle razze nel gavello aflojamiento (m) de los rayos en la llanta
6	Binden (n) des Rades encircling *or* binding the wheel cerclage (m) de la roue	скрѣпленіе (n) колеса cerchiare (v) la ruota colocación (f) del aro sobre la rueda
7	Nachbinden (n) des Rades rebinding the wheel recerclage (m) de la roue	подправка (f) колеса ricerchiare (v) la ruota el colocar de nuevo el aro sobre la rueda
8	der Stern „wandert" in der Felge the wheel spider creeps in the rim les rais jouent dans la jante	спицы (f pl) имѣютъ зазоръ въ ободѣ la stella di razze si muove nel gavello los rayos tienen juego en la llanta
9	das Rad ist zusammengetrocknet *oder* „spak" the wheel has shrunk *or* warped la roue s'est rétrécie	колесо (n) ссохлось la ruota si restringe la rueda se estrecha

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Felgenriß (m)
split in the felloe
fente (f) de la jante

трещина (f) въ ободѣ
fessura (f) *o* spaccatura (f) del gavello
grieta (f) en la llanta
1

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die Felge aufziehen (v)
to fit the rim on
monter (v) *ou* assembler (v) la jante, forcer (v) *ou* embattre (v) la jante

надѣвать *или* наводить ободъ
montare (v) il gavello
montar (v) la llanta, embutir (v) la llanta
2

Ausgleichfeder (f)
compensating spring
ressort (m) compensateur

уравнительная *или* компенсаціонная пружина (f)
molla (f) compensatrice
resorte (m) compensador
3

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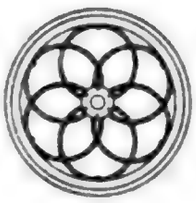
federndes Rad (n)
spring wheel
roue (f) élastique

пружинное колесо (n); пружинящее колесо (n)
ruota (f) elastica
rueda (f) elástica
4



Rad (n) mit federnden Speichen
wheel with spring spokes
roue (f) à rais élastiques

колесо (n) съ пружинными *или* съ пружинящими спицами
ruota (f) con razze a molla
rueda (f) de rayos elásticos
5

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federnde Speiche (f)
spring spoke
rais (m) élastique

пружинная *или* пружинящая спица (f)
razza (f) elastica
rayo (m) elástico
6

Bereifung
Tyres
Cerclage, montage des bandages

Шины
Cerchiatura, guarnitura (delle ruote)
Bandas, colocación de las bandas
7

Reifen (m)
tyre, tire (A)
bandage (m)

шина (f); бандажъ (m)
anello (m), cerchio (m), cerchione (m)
bandaje (m), llanta (f), banda (f)
8

Bereifungsmaterial (n)
tyre material
matière (f) dont est formé le bandage

матеріалъ (m) для бандажей
materia (f) costituente la cerchiatura, materiale (m) di cerchiatura
materia (f) de que está constituido el bandaje
9

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1	Reifenabmessungen (f pl), Reifendimensionen (f pl) dimensions of tyre dimensions (f pl) de pneu, dimensions (f pl) de bandage	размѣры (m pl) шины *или* бандажа dimensioni (f pl) del cerchio dimensiones (f pl) del neumático *ó* del bandaje
2	Reifeneindrückung (f) [unter Belastung] pressing in the tyre under load, deformation of the tyre when loaded déformation (f) des bandages chargés	деформація (f) шинъ *или* бандажей [подъ дѣйствіемъ нагрузки] schiacciamento (m) *o* deformazione (f) del cerchio deformación (f) de los bandajes cargados
3	Tragfähigkeit (f) load carrying capacity force (f) portante	подъёмная сила (f) forza (f) portante fuerza (f) de sostenimiento
4	Reifenquerschnitt (m), Reifenprofil (n) cross section of tyre section (f) de bandage, profil (m) de bandage	сѣченіе (n) бандажа; профиль (f) шины sezione (f) *o* profilo (m) del cerchio sección (f) del bandaje, perfil (m) del bandaje
5	Reifenkosten (pl) expense of *or* outlay on tyres dépense (f) *ou* prix (m) de bandage	расходы (m pl) *или* затраты (f pl) *или* издержки (f pl) на шины spesa (f) *o* costo (m) della cerchiatura coste (m) *ó* precio (m) del bandaje
6	Reifenkosten (pl) pro Tonnenkilometer cost on tyres per ton-mile *or* ton-km dépenses (f pl) pour bandage par tonne-kilomètre	расходы (m pl) *или* затраты (f pl) *или* издержки (f pl) на шины на тонну-километръ spesa (f) della cerchiatura per tonnellata-chilom. gasto (m) para bandajes por tonelada-kilómetro
7	Kraftverbrauch (m) der Bereifung dissipation of energy in the tyres, work lost in the tyres absorption (f) de force des bandages	поглощеніе (n) силы шинами assorbimento (m) di forza della cerchiatura absorción (f) de fuerza por los bandajes
8	Lebensdauer (f) des Reifens life of the tyre durée (f) du bandage	продолжительность (f) службы шины durata (f) della cerchiatura *o* della guarnitura duración (f) del bandaje

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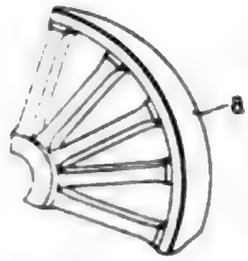
Lebensdauer (f) in km
life of tyre in kilometres (*or* miles)
durée (f) kilométrique *ou* en kilomètres (du bandage)

продолжительность (f) службы въ километрахъ
durata (f) chilometrica *od* in chilometri *1*
duración (f) kilométrica *ó* por kilómetros

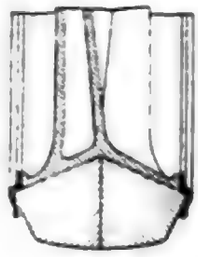
Eisenbereifung (f)
iron tyre
bandage (m) en fer, cerclage (m) de fer



a

желѣзная шина (f); желѣзный бандажъ (m)
guarnizione (f) *o* cerchiatura (f) di ferro *2*
bandaje (m) de hierro, llanta (f) de hierro

Holzbereifung (f)
wooden tyre
bandage (m) *ou* cerclage (m) en bois



деревянный бандажъ (m); деревянная шина (f)
guarnizione (f) *o* cerchiatura (f) di legno *3*
bandaje (m) *ó* llanta (f) de madera

Gummireifen (m)
rubber tyre *or* tire (A)
bandage (m) en caoutchouc

резиновая *или* каучуковая шина (f)
anello (m) *o* cerchione (m) di gomma *4*
bandaje (m) de caucho

Gummibereifung (f)
rubber tyre
bandage (m) en caoutchouc

резиновыя шины (f pl)
cerchiatura (f) di gomma *5*
bandaje (m) de caucho

Gummi (m), Kautschuk (m)
rubber, india rubber
caoutchouc (m)

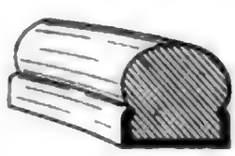
резина (f); каучукъ (m)
gomma (f), caucciù (m) *6*
caucho (m), goma (f) elástica

---

vulkanisierter Gummi (m)
vulcanized rubber
caoutchouc (m) vulcanisé

вулканизованная резина (f); вулканизированный каучукъ (m) *7*
gomma (f) vulcanizzata
caucho (m) vulcanizado

Vollgummireifen (m), Massivreifen (m)
solid [rubber] tyre
bandage (m) plein, plein (m)



сплошная *или* массивная резиновая шина (f)
cerchiatura (f) di gomma piena *8*
llanta (f) maciza, bandaje (m) macizo

Vollgummireifen (m) mit Luftkammern
solid rubber tyre with air (chamber) core, cushion tyre
bandage (m) plein avec canal à air, creux (m)

сплошная резиновая шина (f) съ воздушными камерами; кушенъ (m)
guarnitura (f) *o* anello (m) di gomma piena con canale *o* anima d'aria *9*
bandaje (m) macizo con canal de aire

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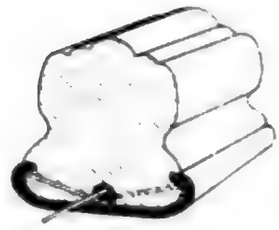
1 Weichgummireifen (m)
soft rubber tyre
bandage (m) en caoutchouc mou



шина (f) изъ мягкой резины
anello (m) *o* cerchio (m) di gomma molle *o* soffice
bandaje (m) de caucho blando

---

2 Luftreifen (m), [Pneumatik (m)]
pneumatic tyre
[bandage (m)] pneumatique (m), pneu (m)

пневматикъ (m); пневматическая шина (f)
anello (m) pneumatico, guarnitura (f) di gomma pneumatica
[bandaje (m)] neumático (m)

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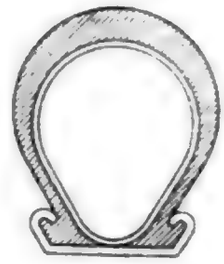
3 Luftreifenquerschnitt (m), Pneumatikprofil (n)
cross section of pneumatic tyre
profil (m) de pneu



сѣченіе (n) пневматика; профиль (m) пневматической шины
sezione (f) *o* profilo (m) di pneumatico
perfil (m) del neumático

---

4 Decke (f) mit Schlauch
pneumatic tyre with inner tube
pneu (m) avec chambre à air

пневматикъ (m) съ воздушной трубкой; пневматическая шина (f) съ [воздушной] камерой
copertura (f) pneumatica con camera d'aria
neumático (m) con cámara de aire

---

5 Felgenband (n)
rim
bandage (m), cerclage (m) de jante (par une feuille de tôle)

a

бандажъ (m) [обода]; лента (f) [обода]
nastro (m) del cerchione
bandaje (m), revestimiento (m) de la llanta

---

6 Gummischlauch (m)
rubber tube
tube (m) de caoutchouc

резиновая *или* каучуковая трубка (f)
tubo (m) di caucciù
tubo (m) de caucho

---

7 Luftschlauch (m)
air tube, inner tube
chambre (f) à air

a

[внутренняя] воздушная трубка (f) *или* камера (f)
camera (f) d'aria
cámara (f) de aire

---

8 Schlauchschutz (m), [Schlauchprotektor (m)]
tube protector
protecteur (m) de chambre à air

a

покрышка (f) для защиты воздушной трубки *или* камеры; протекторъ (m)
protettore (m) della camera d'aria
protector (m) de la cámara de aire

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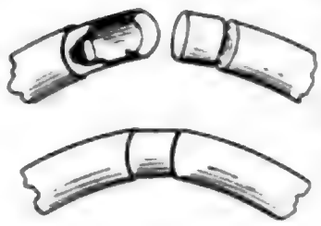
auseinandernehmbarer Luftschlauch (m)
inner tube jointed with a union which can be taken apart
chambre (f) à air à extrémités emboîtées, chambre (f) à air à emboîtement



разъёмная воздушная трубка (f) *или* камера (f)
camera (f) d'aria smontabile
cámara (f) de aire con los extremos embutidos

1

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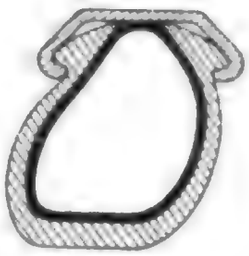
weicher *oder* schlaffer Luftreifen (m)
soft *or* slack tyre
pneumatique (m) *ou* pneu (m) détendu *ou* relâché *ou* flasque



слабо накаченная *или* надутая шина (f)
pneumatico (m) molle *o* floscio
neumático (m) aflojado

2

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luftleerer Luftreifen (m)
deflated tyre
pneu (m) dégonflé

ненакаченный пневматикъ (m); пневматическая шина (f) безъ воздуха
pneumatico (m) completamente sgonfiato
neumático (m) desinflado

3

Pneumatikbefestigung (f)
pneumatic tyre fastening
fixation (f) du pneu

укрѣпленіе пневматиковъ; укрѣпленіе (n) пневматическихъ шинъ
attacco (m) del pneumatico
sujeción (f) del neumático

4

Decke (f), Laufdecke (f), [Pneumatik-]Mantel (m), Laufmantel (m)
outer cover of pneumatic tyre
enveloppe (f) [de pneu]

покрышка (f) [пневматика]
copertura (f) del pneumatico, copertone (m)
cubierta (f) [de neumático]

5

Lederpneumatik (m)
pneumatic tyre of leather, leather pneumatic tyre
pneu-cuir (m)

кожаная пневматическая шина (f); кожаный пневматикъ (m)
pneumatico (m) di cuoio
neumático-cuero (m)

6

Ledermantel (m)
leather outer cover
enveloppe (f) [en] cuir

кожаная покрышка (f)
copertura (f) di cuoio
cubierta (f) de cuero

7

Deckenquerschnitt (m), Mantelprofil (n)
cross section of cover
profil (m) d'enveloppe

сѣченіе (n) покрышки; профиль (m) покрышки
sezione (f) *o* profilo (m) della copertura
perfil (m) de la cubierta

8

Lauffläche (f)
tread
surface (f) de roulement de l'enveloppe

поверхность (f) катанія
superficie (f) di scorrimento
superficie (f) de rodamiento de la cubierta

9

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Mantel (m) mit glatter Lauffläche
1 outer cover with plain *or* smooth tread
enveloppe (f) [à surface de roulement] lisse

покрышка (f) съ гладкой поверхностью катанія; гладкая покрышка
copertura (f) *o* copertone (m) con superficie di scorrimento liscia *o* piatta
cubierta (f) (con superficie de rodamiento) lisa

Mantel (m) mit Querrillen
2 outer cover with transverse corrugations *or* grooves
enveloppe (f) à rainures transversales

покрышка (f) съ поперечными желобками
copertura (f) con scanalature trasversali
cubierta (f) con ranuras transversales

Mantel (m) mit Längsrillen
3 outer cover with circumferential grooves
enveloppe (f) à rainures longitudinales

покрышка (f) съ продольными желобками
copertura (f) con scanalature longitudinali
cubierta (f) con ranuras longitudinales

Leinwand (f)
4 canvas
toile (f)

полотно (n); холстъ (m); парусина (f)
tela (f)
tela (f), lona (f)

Gewebe (n)
5 woven material
tissu (m)

ткань (f)
tessuto (m)
tejido (m)

Leinwandeinlage (f)
inner lining of canvas
6 couche (f) intérieure de toile, carcasse (f) de toile

холщевая прокладка (f); прокладка изъ холста; слой (m) парусины
strato (m) interno di tela
capa (f) interior de tela

a

Leinwandeinlagen (f pl) mit schrägliegenden Fäden
canvas lining *or* layers with the weft laid on
7 the cross *or* oblique to the plane of the wheel
toiles (f pl) d'enveloppe *ou* entoilage (m) à fil biais

холщевыя прокладки (f pl) съ косо расположенными нитями
strati (m pl) di tela con fili incrociati
telas (f pl) de la cubierta con hilos oblicuos

Befestigung (f) des Reifens auf der Felge durch Wülste
securing the tyre to the rim by means of a
8 bead *or* flange on either side of the cover
accrochage (m) du pneu par le talon *ou* bourrelet

укрѣпленіе (n) шины на ободѣ посредствомъ ребордъ *или* кромокъ *или* закраинъ
attacco (m) del pneumatico sul cerchio a mezzo di bulloni
enganche (m) *ó* fijación (f) del neumático por el talón

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Wulstreif (m)
beaded *or* flanged tyre
bandage (m) à talons

шина (f) съ ребордами *или* съ кромками *или* съ закраинами
anello (m) con tallone
bandaje (m) con talones
1

Wulst (m *oder* f), Reifenwulst (m)
flange, bead
talon (m)

реборда (f) *или* кромка (f) *или* закраина (f) шины
tallone (m)
talón (m)
2

Reifenschutz (m)
cover protector
protecteur (m) de bandage

протекторъ (m)
sopracopertura (f)
protector (m) de neumático
3

Laufstreifen (m)
tread band
bande (f) de roulement

верхняя полоса (f) шины, соприкасающаяся съ землёй; полоса (f) катанія
striscia (f) di scorrimento
banda (f) de rodamiento, llanta (f) propiamente dicha
4

Manschette (f), Schutzhülle (f)
sleeve, protecting sleeve
guêtre (f), manchon-guêtre (m)

манжета (f); защитная обкладка (f) *или* лента (f); гетра (f)
manicotto (m)
manguito (m), cubierta (f) *ó* banda (f) protectora
5

Gleitschutz (m)
non-skid
antidérapant (m)

предохранитель (m) отъ скольженія; [антидерапанъ (m)]
antisdrucciolevole (m), antiscivolatore (m)
antideslizante (m)
6

Gleitschutzvorrichtung (f)
non-skid device
dispositif (m) *ou* système (m) d'antidérapant *ou* antidérapant

приспособленіе (n) для предохраненія отъ скольженія
apparecchio (m) antiscivolatore *o* antisdrucciolevole
disposición (f) *ó* sistema (m) de antideslizante
7

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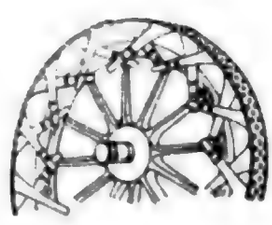
abnehmbarer Gleitschutz (m)
removable non-skid
enveloppe (f) protectrice antidérapante amovible



съёмный предохранитель (m) отъ скольженія
antisdrucciolevole (m) smovibile *o* smontabile
cubierta (f) antideslizante desmontable
8

Gleitschutzdecke (f)
non-skid cover
enveloppe (f) antidérapante

нескользящая покрышка (f); покрышка противъ скольженія
fascia (f) *o* copertura (f) antisdrucciolevole
cubierta (f) antideslizante
9

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1 Gleitschutzdecke (f) mit Nieten
non-skid cover with rivets *or* studs
protecteur (m) antidérapant à rivets

нескользящая покрышка (f) съ заклёпками; предохранитель (m) противъ скольженія съ заклёпками
fascia (f) *o* copertura (f) antisdrucciolevole con chiodi
protector (m) antideslizante con remaches

---

2 Gleitschutzdecke (f) mit aufvulkanisiertem Ledermantel und Nieten
non-skid cover with studded leather band vulcanized on
enveloppe (f) antidérapante avec bande de cuir vulcanisée dans la masse et rivets en fer

нескользящая покрышка (f) съ привулканиз[ир]ованнымъ кожанымъ кожухомъ и заклёпками
fascia (f) *o* copertura (f) antisdrucciolevole di cuoio vulcanizzato e chiodi di ferro
cubierta (f) antideslizante con banda de cuero vulcanizada en la masa y remaches de hierro

---

3 Gleitschutzdecke (f) mit einvulkanisierten Nieten
non-skid cover with studs vulcanized in
enveloppe (f) antidérapante avec rivets en fer vulcanisés dans la masse

нескользящая покрышка (f) съ привулканиз[ир]ованными заклёпками
fascia (f) *o* copertura (f) antisdrucciolevole con chiodi di ferro vulcanizzati nella massa della gomma
cubierta (f) antideslizante con remaches de hierro vulcanizados con la masa

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4 Gleitschutzmantel (m) mit aufvulkanisierten Gummiklötzen
non-skid cover with rubber blocks vulcanized on
enveloppe (f) antidérapante avec blocs de caoutchouc vulcanisés sur elle

нескользящая покрышка (f) съ привулканизированными каучуковыми *или* резиновыми колодками
copertura (f) antisdrucciolevole con blocchi di gomma vulcanizzati su di essa
cubierta (f) antideslizante con bloques de caucho vulcanizados con ella

---

5 Gummigleitschutz (m)
rubber non-skid device
antidérapant (m) en caoutchouc

каучуковый *или* резиновый предохранитель (m) противъ скольженія
antisdrucciolevole (m) di gomma
antideslizante (m) de caucho

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aufgeschnallte Gleitschutzdecke (f), abnehmbarer Gleitschutz (m)
non-skid cover strapped on
enveloppe (f) antidérapante à boucles

пристегивающаяся нескользящая покрышка (f)
fascia (f) antisdrucciolevole affibbiata
cubierta (f) antideslizante de bucles

1

Kettengleitschutz (m), Gleitschutzkette (f)
non-skid chain (Parson's)
antidérapant (m) à chaine

цѣпной предохранитель (m) отъ скольженія; цѣпь (f) для предохраненія отъ скольженія
antisdrucciolevole (m) a catena, catena (f) antisdrucciolevole
antideslizante (m) de cadena

2

Gummireif (m) mit Blechschutz
rubber tyre with sheet iron protecting band
bandage (m) en caoutchouc avec [protecteur] imperforable en tôle, bandage (m) Burell

резиновая шина (f) съ жестянымъ предохранителемъ
copertura (f) di gomma con protezione di lamiera
bandaje (m) de caucho con protector imperforable de chapa, bandaje (m) Burell

3

Gleitschutz (m) durch Schrägstreifen (aufgelegte Eisenleisten)
non-skid arrangement with diagonally laid iron strips
antidérapant (m) à bande de fer rapportée

предохраненіе (n) отъ скольженія посредствомъ накосо укрѣплённыхъ желѣзныхъ полосъ
antisdrucciolevole (m) con striscia di ferro riportata
antideslizante (m) con bandas sobrepuestas de hierro

4

Pneumatikbereifung (f) mit Hilfsreifen aus Vollgummi
pneumatic tyre with auxiliary solid tyre
pneu (m) avec bandage auxiliaire en caoutchouc plein

пневматическая шина (f) съ вспомогательной сплошной *или* массивной резиновой шиной
guarnitura (f) pneumatica con cerchio ausiliare di gomma piena
neumático (m) con banda auxiliar de caucho macizo

5

Nagelfänger (m), Nagelzieher (m)
nail extractor
arrache-clous (m)

приспособленіе (n) для захватыванія гвоздей; гвоздеуловитель (m)
strappachiodi (m)
arranca-clavos (m)

6

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Luftreifenersatz (m) spare pneumatic tyre 1 pneu (m) de réserve, succédané (m) du pneu		запасъ (m) пневматиковъ surrogato (m) per pneumatici neumático (m) de repuesto *ó* de reserva
gefüllter Luftreifen (m) inflated pneumatic tyre 2 pneu (m) rempli *ou* gonflé		накаченная пневматическая шина (f); накаченный пневматикъ (m) pneumatico (m) gonfio neumático (m) lleno *ó* inflado
Schlauchfüllung (f) inflation of the tube 3 remplissage (m) de la chambre à air		накачиваніе(n) воздушной трубки; накачиваніе (n) воздушной камеры gonfiamento (m) della camera d'aria inflación (f) de la cámara de aire
Schlauchventil (n) tyre valve 4 valve (f) *ou* soupape (f) de chambre à air		клапанъ (m) воздушной трубки; вентиль (m) воздушной камеры valvola (f) della camera d'aria válvula (f) de la cámara de aire
Luftventil (n) 5 air valve soupape (f) à air		воздушный клапанъ (m) *или* вентиль (m) valvola (f) d'aria válvula (f) de aire
Ventilkappe (f), Ventilhütchen (n) 6 valve cap, dust cap chapeau (m) de soupape	a	шляпка (f) клапана; колпачокъ (m) вентиля cappelletto (m) della valvola tapón (m) de la válvula
Ventilnadel (f) 7 valve needle pointeau (m) de soupape	b	игла (f) клапана *или* вентиля spillo (m) della valvola puntero (m) de la válvula
Ventileinsatz (m) inside piece of the valve 8 garniture (f) intérieure de soupape, pièce (f) centrale de valve	c	внутренняя часть (f) клапана *или* вентиля guarnitura (f) interna della valvola guarnición (f) interior de la válvula
Ventilkegel (m) valve cone 9 cône (m) de soupape *ou* de valve	d	конусъ (m) клапана *или* вентиля cono (m) della valvola cono (m) de la válvula

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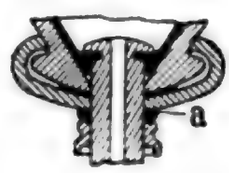
Ventilkörper (m) valve body corps (m) de soupape *ou* de valve	e	корпусъ (m) клапана *или* вентиля corpo (m) della valvola cuerpo (m) de la válvula	1
Kappe (f), Schutzkappe (f) protective cap, cap capuchon (m)	g	предохранительная покрышка (f); шляпка (f), навинчивающаяся поверхъ вентиля cappello (m) di protezione capuchón (m)	2
Fahrradventil (n) bicycle valve soupape (f) *ou* valve (f) de vélo		велосипедный клапанъ (m) *или* вентиль (m) valvola (f) di velocipede válvula (f) de aire para vélo *ó* bicicleta	3
Glockenventil (n) cup valve soupape (f) à cloche		чашечный клапанъ (m) *или* вентиль (m) valvola (f) a campana válvula (f) de campana	4
Ventilschlauch (m) rubber tube of the air valve boyau (m) pour valves, tube (m) en caoutchouc pour soupape *ou* valve		резиновая трубка (f) клапана tubetto (m) della valvola tubo (m) de caucho para válvulas	5
Ventildichtungsscheibe (f) valve packing ring *or* washer rondelle (f) de joint de valve	 a	прокладка (f) клапана; прокладочная шайба (f) для достиженія непроницаемости клапана rosetta (f) di tenuta della valvola ovalillo (m) para junta de válvula	6
das Ventil abschrauben (v) to unscrew the valve dévisser (v) la soupape		отвинтить клапанъ; отвинтить вентиль svitare (v) la valvola aflojar (v) *ó* destornillar (v) la válvula	7
Flügelschraube (f) thumb screw, wing nut vis (f) [avec écrou] à oreilles		винтъ (m) съ лапками; барашковый винтъ; винтъ съ барашкомъ vite (f) ad alette *o* a farfalla *o* ad orecchie tornillo (m) [con tuerca de orejas] *ó* de mariposa	8
Flügelmutter (f) wing nut écrou (m) à oreilles, papillon (m)	a	барашковая гайка (f); барашекъ (m); крылатая гайка; гайка (f) съ ушками madrevite (f) *o* dado (m) ad alette *o* ad orecchie tuerca (f) de orejas, papillón (m)	9

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1	Flügelmutter (f) mit Schnellverschluß patent quick action wing nut (thumb screw) écrou (m) à oreilles à serrage rapide breveté	барашекъ (m) „экспрессъ"; гайка (f) съ ушками съ приспособленіемъ для быстраго замыканія dado (m) ad alette a chiusura rapida *o* istantanea tuerca (f) de orejas de aprieto rápido ó colocación rápida patentada
2	die Flügelschraube „spielen" lassen (v) to allow play in the wing nut, to leave the wing nut slack donner (v) du jeu à la vis [avec écrou] à oreilles	привинтить барашковый винтъ съ зазоромъ allentare (v) i galletti, dare (v) del giuoco alla vite aflojar (v) el tornillo con tuerca de orejas
3	die Flügelmuttern anziehen (v) to tighten *or* screw up the wing nuts (thumb screws) serrer (v) les écrous à oreilles	притянуть барашки; завинтить гайки съ ушками stringere (v) i galletti *o* le viti ad orecchie apretar (v) las tuercas de orejas
4	der Luftreifen nimmt das Hindernis in sich auf the pneumatic yields to the obstacle le pneu boit l'obstacle	пневматикъ (m) поглощаетъ препятствіе il pneumatico assorbe l'ostacolo *o* si adatta all'ostacolo el neumatico vence el obstáculo
5	Rad (n) mit Vollgummireifen wheel with solid tyre roue (f) avec plein	колесо (n) со сплошной *или* съ массивной резиновой шиной ruota (f) con guarnitura di gomma piena rueda (f) con llanta maciza
6	Stahlbandeinlage (f) steel ribbon core, steel band insertion garniture (f) intérieure en ruban d'acier	внутренняя прокладка (f) изъ стальной ленты guarnizione (f) interna di nastro d'acciaio, anima (f) d'acciaio guarnición (f) interior con cinta de acero
7	Befestigung (f) der Vollgummireifen durch Feder fastening the solid tyre by means of a wedge *or* key fixation (f) du plein par broches	прикрѣпленіе (n) сплошной *или* массивной резиновой шины при помощи шпилекъ attacco (m) della gomma piena a chiavetta sujeción (f) de la llanta maciza por medio de varillas
8	Querfeder (f) transverse wedge *or* key broche (f) transversale	поперечная шпилька (f) chiavetta (f) trasversale varilla (f) transversal

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Befestigung (f) der Vollgummireifen durch Stahldraht
securing the solid tyre by means of steel wire
fixation (f) du plein par fil d'acier

прикрѣпленіе (n) сплошной *или* массивной резиновой шины при помощи стальной проволоки
attacco (m) della gomma piena con filo d'acciaio
sujeción (f) de la llanta por medio de alambre de acero

1

Aufziehen (n) des Reifens mit der hydraulischen Presse
putting the tyre on by means of a hydraulic press
embatage (m) du bandage à la presse hydraulique

насадка (f) *или* наводка (f) шины при помощи гидравлическаго пресса
montaggio (m) del cerchione col torchio idraulico
embutido (m) de la llanta por medio de la prensa hidráulica

2

Nachpressen (n) des Radreifens mit der hydraulischen Presse
pressing the tyre home by hydraulic pressure
serrage (m) *ou* embatage (m) *ou* forçage (m) du bandage au moyen de la presse hydraulique

дополнительный обжимъ (m) колесной шины при помощи гидравлическаго пресса
pressione (f) della guarnitura della ruota sotto il torchio idraulico
aprieto (m) *ó* estrechamiento (m) del bandaje por medio de la prensa hidráulica

3

---

nachpressen (v)
to press home
embatre (v) *ou* forcer (v) à la presse

обжимать дополнительно при помощи пресса
ripremere (v)
forzar (v) con la prensa

4

---

einen Reifen aufpressen (v)
to press a tyre on, to mount a tyre
serrer (v) *ou* embatre (v) *ou* forcer (v) un bandage à la presse

насадить шину при помощи пресса; насадить подъ давленіемъ
montare (v) una guarnitura sotto il torchio
apretar (v) *ó* forzar (v) un bandaje con la prensa

5

---

geteilte Felge (f) für Vollgummi
rim made in sections for solid tyres
jante (f) sectionnée pour plein

составной ободъ (m) для сплошныхъ *или* для массивныхъ резиновыхъ шинъ
cerchio (m) diviso *o* sezionato per gomma piena
llanta (f) dividida en secciones para recibir neumáticos macizos

6

Reifenpresse (f)
tyre press
presse (f) à bandage

прессъ (m) для (насадки) шинъ
torchio (m) per montare le guarniture di gomma piena
prensa (f) para bandajes

7

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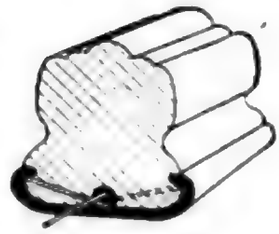

1 Vollgummireifen (m) aus Weichgummi
solid tyre of soft rubber
plein (m) [en caoutchouc] souple

сплошная *или* массивная резиновая шина (f) изъ мягкой резины
guarnitura (f) di gomma piena molle
macizo (m) [de caucho] flexible *ó* ligero

---

2 Konkavreifen (m)
concave tyre
bandage (m) concave

вогнутая шина (f)
guarnitura (f) a sezione concava
bandaje (m) cóncavo

---

3 Doppelreifen (m pl), Zwillingsreifen (m pl)
double *or* twin tyres
bandages (m pl) jumelés

двойныя шины (f pl)
guarnitura (f) ad anelli gemelli, gomme (f pl) accoppiate
bandajes (m pl) gemelos

---

4 Blockreifen (m), Vollgummireifen (m) aus einzelnen Klötzen
block tyre, tyre consisting of a series of blocks *or* pieces of solid rubber
[bandage (m) en caoutchouc] plein (m) formé de blocs indépendants

сплошная шина (f), составленная изъ отдѣльныхъ резиновыхъ колодокъ
guarnitura (f) di gomma piena a blocchi indipendenti
bandaje (m) [de caucho], macizo (m) formado por bloques independientes

---

5 Kern (m) des Vollgummireifens
core of solid tyre
noyau (m) du plein

ядро (n) сплошныхъ *или* массивныхъ резиновыхъ шинъ
nucleo (m) della guarnitura di gomma piena
núcleo (m) del macizo

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6 einvulkanisiertes Stahlband (n)
steel band *or* ribbon vulcanized
bandage (m) d'acier à bande de caoutchouc appliquée par vulcanisation, bandage (m) plein soudé

привулканиз[ир]ованная стальная лента (f)
nastro (m) d'acciaio coperto di gomma galvanizzata *o* vulcanizzato nella gomma
llanta (f) de acero con banda de caucho vulcanizado, bandaje (m) macizo soldado

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7 Eisenbandage (f)
iron tyre
bandage (m) en fer

желѣзный бандажъ (m)
guarnitura (f) di ferro
llanta (f) de hierro

---

8 gewalzter Flußstahlreifen (m)
rolled mild steel tyre
bandage (m) d'acier laminé

шина (f) *или* бандажъ (m) изъ прокатной литой стали
guarnitura (f) di acciaio laminato
llanta (f) de acero laminado

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aufgezogener Eisenreif (m) pressed-on iron tyre bandage (m) en fer embatu sur la roue *ou* forcé sur la roue	натянутая желѣзная шина (f); насаженный желѣзный бандажъ (m) cerchione (m) di ferro montato a forza llanta (f) de hierro acuñada sobre la rueda *ó* embutida sobre la rueda	1
Laufreifen (m) iron tread band in sections bande (f) de fer sectionnée	[желѣзная составная] полоса (f) катанія cerchio (m) di scorrimento llanta (f) de hierro seccionada	2
genieteter Eisenreif (m) riveted iron tyre bandage (m) en fer riveté	клёпанная желѣзная шина (f); клёпанный желѣзный бандажъ (m) cerchione (m) di ferro inchiodato llanta (f) de hierro remachado	3
profilierter Eisenreif (m) iron tyre of special section *or* profile bandage (m) en fer profilé	профильная желѣзная шина (f); профильный желѣзный бандажъ (m) cerchione (m) di ferro profilato llanta (f) de hierro perfilado	4
geriefter Eisenreifen (m) fluted *or* grooved iron tyre bandage (m) en fer cannelé	рифлёная желѣзная шина (f); желѣзный бандажъ (m) съ желобками cerchione (m) di ferro rigato llanta (f) de hierro acanalado	5
ebene Lauffläche (f) flat tread surface (f) de roulement lisse	гладкая поверхность (f) катанія superficie (f) di scorrimento piana superficie (f) de rodamiento lisa	6
gewölbte Lauffläche (f) cambered tread surface (f) de roulement bombée	выпуклая поверхность (f) катанія superficie (f) di scorrimento arrotondata superficie (f) de rodamiento bombeada	7
ballig gedrehter Radreifen (m), [bombierter Radreifen (m)] bulbous *or* bulb section tyre bandage (m) bombé	шарообразно обточенная колёсная шина (f); шарообразно обточенный бандажъ (m) cerchione (m) a sezione arrotondata llanta (f) bombeada	8

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1	aufgepreßter *oder* aufgeschrumpfter Eisenreifen (m) iron tyre pressed *or* shrunk on bandage (m) en fer fixé par embatage (à chaud)	желѣзная шина (f), укрѣплённая силою сжатія [при охлажденіи]; желѣзный бандажъ (m), надѣтый въ горячемъ состояніи cerchione (m) di ferro forzato a caldo llanta (f) de hierro embutida en caliente
2	Winterbereifung (f) tyres for winter use bandage (m) en fer [pour service] d'hiver	шина (f) *или* бандажъ (m) для ѣзды зимой cerchione (m) di ferro pel servizio invernale llanta (f) de hierro [para servicio] de invierno
3	Eisenreifen (m) mit Stollen iron tyre with chocks *or* blocks (to grip the road) bandage (m) en fer à goujons *ou* crampons	желѣзная шина (f) *или* желѣзный бандажъ (m) съ шипами cerchione (m) di ferro a punte *od* a chiodi llanta (f) de hierro con pasadores *ó* garras
4	Eisstollen (m) non-slipping chock *or* block *or* spur (for icy roads) crampon (m) à glace	шипъ (m) на шинѣ [для ѣзды по льду] arpione (m) per ghiaccio garra (f) para el hielo
5	Eisnagel (m) ice nail *or* stud clou (m) à glace	гвоздь (m) на шинѣ [для ѣзды по льду] chiodo (m) per ghiaccio clavo (m) para el hielo
6	Eisenbereifung (f) für Sand iron tyre for sand bandage (m) en fer pour sable	желѣзная шина (f) *или* желѣзный бандажъ (m) для ѣзды по песку cerchiatura (f) di una ruota per la sabbia llanta (f) de hierro para arena
7	zulässige Geschwindigkeit (f) für Eisenbereifung permissible speed for iron tyres vitesse (f) admissible avec bandages en fer	скорость (f), допустимая при желѣзныхъ шинахъ velocità (f) ammissibile per cerchiatura di ferro velocidad (f) admisible con las llantas *ó* los bandajes de hierro
8	Einbinden (n) [der Räder], Umlegen (n) der Eisenreifen binding *or* shoeing the wheel, laying on of the iron tyre embatage (m), cerclage (m)	ошиновка (f) колёсъ; одѣваніе (n) желѣзныхъ шинъ на колёса cerchiare (v) una ruota embutido (m) *ó* colocación (f) de las llantas, ajuste (m) de las llantas

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Abnehmen (n) der Eisenreifen removing the iron tyres désembatage (m)	снятіе (n) желѣзныхъ шинъ togliere (v) il cerchione di ferro desmontado (m) de la llanta	1
Kombinationsbereifung (f), Mischbereifung (f) combination tyres bandage (m) mixte	скомбинированная шина (f); бандажъ (m) изъ разнороднаго матеріала guarnitura (f) mista llanta (f) mixta	2
Eisenreifen (m) mit Gummieinlage iron tyre fitted with rubber, rubber lined iron tyre bandage (m) en fer avec garniture intérieure en caoutchouc	желѣзная шина (f) съ внутренней резиновой прокладкой; желѣзный бандажъ (m) съ внутренней каучуковой прокладкой cerchione (m) di ferro con guarnizione interna di gomma llanta (f) de hierro con guarnición interior de caucho	3
Eisenreifen (m) mit eingelegten Gummiklötzen iron tyre with inlaid blocks of solid rubber bandage (m) en fer avec blocs de caoutchouc encastrés	желѣзная шина (f) со вставленными резиновыми колодками cerchione (m) di ferro con blocchi di gomma incastrati llanta (f) de hierro con bloques de caucho incrustados	4
Holzzwischenlage (f) wooden intermediate lining cercle (m) intermédiaire en bois	деревянная прокладка (f) anello (m) di legno interposto aro (m) intermedio de madera	5
Eisenbereifung (f) mit Gummizwischenlage iron tyre with intermediate rubber lining bandage (m) en fer avec bande intermédiaire en caoutchouc	желѣзная шина (f) съ резиновой прокладкой guarnitura (f) di ferro con strato interposto di gomma llanta (f) de hierro con banda intermedia de caucho	6
Lauffläche (f) aus Holz wooden tread surface (f) de roulement en bois	поверхность (f) катанія изъ дерева superficie (f) di scorrimento di legno superficie (f) de rodamiento de madera	7
verschleißen (v) to wear s'user (v)	изнашиваться; стираться consumarsi (v) desgastarse (v)	8

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Luftreifenausbesserung (f), Pneumatikreparatur (f)
1 repair of pneumatic tyres
réparation (f) de pneu [-matique]

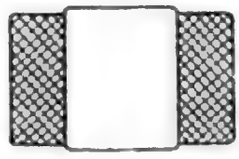
починка (f) пневматика *или* пневматической шины
riparazione (f) dei pneumatici
reparación (f) de un neumático

Flickkasten (m), Reparaturkasten (m)
2 repair outfit
nécessaire (m) pour réparations, boîte (f) pour réparations

ящикъ (m) съ необходимыми для починки инструментами; ящикъ съ наборомъ инструментовъ; несесеръ (m) съ инструментами
cassetta (f) per riparazioni
estuche (m) para reparaciones, caja (f) de reparaciones

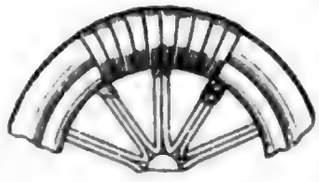
Manteldefekt (m)
3 defect in the outer cover
défaut (m) de l'enveloppe

повреждение (n) покрышки
difetto (m) della copertura
defecto (m) ó falta (f) de la cubierta



Deckenpflaster (n) mit Lappen
4 cover patch with overlap
emplâtre (m) à bavettes *ou* à languette

пластырь (m) съ лентами для покрышки
rappezzatura (f) con linguette
emplasto (m) con lengüetas, parche (m) de cuero y tela



Deckenbinde (f)
5 cover bandage
emplâtre (m)

повязка (f) *или* бинтъ (m) для покрышки
rappezzatura (f) *o* legatura (f) di protezione
emplasto (m)

---

der Mantel ist bis auf die Leinwand abgefahren
6 the cover is worn down to the canvas
l'enveloppe est usée à fil *ou* jusqu'à la toile

покрышка (f) износилась *или* стёрлась до самаго полотна
la copertura è consumata sino alla tela
la cubierta está tan desgastada que deja al descubierto las telas

---

der Mantel hat Beulen
the cover has blisters *or* weak spots
7 l'enveloppe présente des bosses

на покрышкѣ образовались желваки
la copertura presenta dei rigonfiamenti *o* delle gobbe
la cubierta tiene ampollas

---

der Mantel wandert auf der Felge
the cover creeps on the rim
8 l'enveloppe chemine sur la jante

покрышка (f) движется по ободу; покрышка не сидитъ неподвижно на ободѣ
la copertura scorre sul cerchione
la cubierta se por la llanta corre

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Scheuern (n) des Mantels
wearing of the cover by nibbing, chafing of the cover
frottement (m) de l'enveloppe du pneu

стираніе (n) покрышки
sfregamento (m) della copertura
rozamiento (m) de la cubierta del neumático — 1

---

der Gleitschutz hat sich gelöst
the nonskid cover has become loose
l'antidérapant s'est détaché

предохранитель (m) отъ скольженія ослабъ
l'antisdrucciolevole si è distaccato
el antideslizante está despegado — 2

---

der Deckenwulst ist eingerissen
the flange *or* bead of the cover is torn
le bourrelet de l'enveloppe s'est déchiré

реборда (f) *или* кромка (f) покрышки прорвалась
il tallone della copertura si è staccato
el talón de la cubierta se ha desgarrado — 3

---

der Mantel ist aus der Felge gesprungen
the cover has sprung out of the rim
l'enveloppe est sortie de la jante

покрышка (f) выскочила изъ обода
la copertura è uscita fuori del cerchio
la cubierta se ha salido de la llanta — 4

---

der Mantel ist geplatzt
the cover has burst
l'enveloppe a crevé *ou* a éclaté

покрышка (f) лопнула *или* треснула
la copertura è scoppiata
la cubierta ha explotado *ó* estallado — 5

---

platzen (v)
to burst
crever (v), éclater (v)

лопаться; трескаться
scoppiare (v)
estallar (v), explotar (v), hacer (v) explosión — 6

Auswechseln (n) des Mantels
changing the cover
remplacement (m) de l'enveloppe du pneu

перемѣна (f) покрышки
cambio (m) della copertura
sustitución (f) de la cubierta del neumático — 7

---

den Mantel an einer Seite herausnehmen (v)
to remove one side of the cover from the rim
retirer (v) l'enveloppe d'un côté

снять покрышку съ одной стороны
smontare (v) la copertura dal fianco
sacar (v) el talón de uno de los lados de la cubierta — 8

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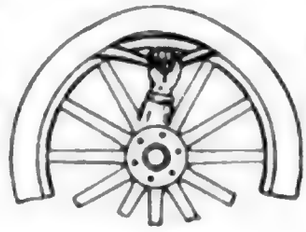
den Luftschlauch herausnehmen (v)
to take out *or* remove the inner tube
retirer (v) *ou* enlever (v) la chambre à air



вынуть воздушную трубку *или* камеру
togliere (v) la camera d'aria
quitar (v) *ó* retirar (v) la cámara de aire — 9

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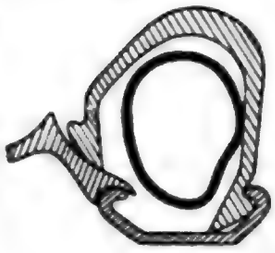

1 einen Mantel auflegen (v)
to fit on a cover
monter (v) *ou* placer (v) une enveloppe, mettre (v) une enveloppe en place

надѣть покрышку
montare (v) una copertura
montar (v) *ó* colocar (v) una cubierta, poner (v) una cubierta

---

2 Abnehmen (n) des Reifens
taking off *or* removing the tyre
démontage (m) du bandage

снятіе (n) шины
smontaggio (m) della guarnitura *o* della copertura
desmontado (m) del bandaje

---

3 die Reifen abnehmen (v) *oder* abmontieren (v)
to take off *or* remove the tyres
enlever (v) les bandages

снимать шины
togliere (v) i cerchioni
desmontar (v) *ó* retirar (v) las llantas

---

4 die Luftreifen aufziehen (v)
to put *or* fit on the pneumatic tyres
mettre (v) *ou* placer (v) *ou* monter (v) le pneu

надѣть пневматики
montare (v) i pneumatici
colocar (v) *ó* montar (v) el neumático

---

5 das Laufmantelinnere mit Talkum bestreuen (v)
to serve the inside of the cover with French chalk
talquer (v) l'enveloppe

посыпать внутреннюю поверхность покрышки талькомъ
cospargere (v) l'interno della copertura con talco
echar (v) talco en el interior de la cubierta

---

6 Talkum (n), Federweiß (n)
French chalk
talc (m)

талькъ (m)
talco (m)
talco (m)

---

7 Schlauchbeschädigung (f), Schlauchdefekt (m)
fault *or* defect in the tube, puncture
défaut (m) de la chambre à air

поврежденіе (n) воздушной трубки *или* воздушной камеры
difetto (m) della camera d'aria
falta (f) *ó* defecto (m) de la cámara de aire

---

8 Nagelschaden (m), Nageldefekt (m)
puncture by a nail
perforation (f) par un clou

проколъ (m) гвоздёмъ
foratura (f) occasionata *o* causata da un chiodo
perforación (f) por un clavo

---

9 hervorstehende Felgenschraube (f)
rim bolt *or* screw standing over the flush *or* sticking out
boulon (m) de jante sorti *ou* dépassant

винтъ (m), выступающій изъ обода; винтъ, торчащій изъ обода
vite (f) sporgente dal cerchione
perno (m) de llanta saliente

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den Schlauch auswechseln (v)
to change *or* replace the inner tube
remplacer (v) la chambre à air

перемѣнить воздушную трубку *или* камеру
ricambiare (v) la camera d'aria *1*
cambiar (v) la cámara de aire

---

einen Schlauch einlegen (v)
to insert an inner tube
mettre (v) en place une chambre à air

вложить воздушную трубку; вложить воздушную камеру
mettere (v) a posto una camera d'aria *2*
colocar (v) una cámara de aire

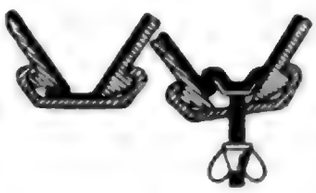
---

der Schlauch ist nicht glatt eingelegt
the tube is not placed in smoothly
la chambre à air n'est pas placée bien ouverte

воздушная трубка (f) вложена нехорошо; воздушная камера (f) вложена неправильно
la camera d'aria non è montata senza pieghe *3*
la cámara de aire ha quedado dobleces

---

eingeklemmter Schlauch (m)
nipped inner tube
chambre (f) à air pincée *ou* pliée



защемлённая воздушная трубка (f); зажатая воздушная камера (f)
camera (f) d'aria piegata *4*
cámara (f) de aire con dobleces

Quetschen (n) des Schlauches
pinching *or* jambing of the inner tube
écrasement (m) de l'enveloppe du pneu

защемленіе (n) воздушной трубки *или* камеры
pizzicatura (f) della camera d'aria *5*
aplastamiento (m) de la cubierta del neumático

Kniff (m), Kniffstelle (f) im Luftschlauch
nip, place in the tube where it is nipped
pinçon (m)

защёмленное мѣсто въ воздушной трубкѣ *или* камерѣ; щемокъ (m); защимъ (m)
pizzicatura (f) della camera d'aria *6*
doblez (f)

---

die Falten glatt streichen (v)
to smooth out the creases *or* folds
égaliser (v) les plis, déplier (v) les pinçons

разгладить складки
stirare (v) le pieghe *7*
quitar (v) las dobleces

---

poröser Schlauch (m)
porous inner tube
chambre (f) à air poreuse

пористая воздушная трубка (f); скважистая воздушная камера (f)
camera d'aria (f) porosa *8*
cámara (f) de aire porosa *ó* con poros

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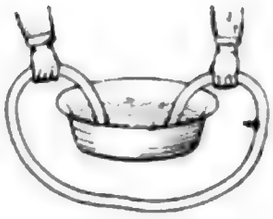
1 den Schlauch in ein Gefäß mit Wasser tauchen (v)
to dip the tube in water
plonger (v) la chambre à air dans un récipient rempli d'eau



погрузить камеру *или* трубку въ сосудъ съ водой
immergere (v) la camera d'aria in un recipiente d'acqua
sumergir (v) la cámara de aire en un recipiente lleno de agua

---

2 den Schlauch abtrocknen (v)
to dry the inner tube
essuyer (v) *ou* sécher (v) la chambre à air

осушить трубку *или* камеру
asciugare (v) la camera d'aria
enjugar (v) *ó* secar (v) la cámara de aire

---

3 luftdicht (adj)
airtight (adj)
étanche (adj), imperméable (adj) à l'air

непроницаемый для воздуха
a tenuta d'aria
cámara (f) estanca *ó* impermeable al aire

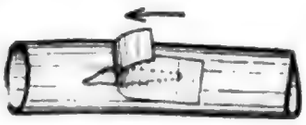
---

4 Luftschlauchausbesserung (f)
air tube repair
réparation (f) de pneu, réparation (f) de chambre à air

починка (f) воздушной трубки; ремонтъ (m) воздушной камеры
riparazione (f) della camera d'aria
reparación (f) del neumático, reparación (f) de la cámara de aire

---

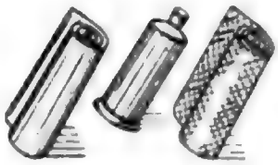
5 den Schlauch flicken (v)
to patch the tube
raccommoder (v) *ou* rapiécer (v) le pneu *ou* la chambre à air



класть заплаты на воздушную трубку; чинить воздушную камеру
rattoppare (v) la camera d'aria
reparar (v) el neumático, reparar (v) la cámara de aire

---

6 Flickzeug (n)
repair *or* patch outfit
nécessaire (m) à rapiécer



матеріалъ (m) для починокъ *или* для заплатъ
astuccio (m) per rattoppare
estuche (m) de reparación

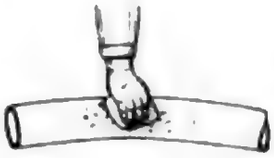
---

7 die Rißstelle mit Benzin säubern (v)
to clean the torn place with petrol
nettoyer (v) la partie déchirée avec de la benzine

очистить порванное мѣсто бензиномъ
lavare (v) con la benzina la parte da ripararsi
limpiar (v) los bordes de la rotura con bencina

---

8 mit Sandpapier abreiben (v)
to sandpaper
frotter (v) au papier de sable



почистить шкуркой; протереть песчаной бумагой
sfregare (v) con carta sabbiata
limpiar (v) con papel esmeril

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Sandpapier (n) sandpaper papier (m) de sable		шкурка (f); песчаная бумага (f) carta (f) sabbiata papel (m) de esmeril	1
den Gummiflecken zurechtschneiden (v) to cut out a rubber patch to size couper (v) la pastille *ou* pièce de caoutchouc à la grandeur voulue		вырѣзать подходящую резиновую заплатку tagliare (v) una toppa di gomma cortar (v) la pastilla *ó* pieza de caucho á la longitud necesaria	2
Gummipflaster (n) rubber patch emplâtre (m) en caoutchouc		резиновый пластырь (m); каучуковый пластырь (m) toppa (f) *od* impiastro (m) di gomma emplasto (m) de caucho	3
Schlauchflicken (m) tube patch pièce (f) à appliquer à une chambre à air, guêtre (f)		заплата (f) для воздушной камеры *или* для воздушной трубки toppa (f) da applicare ad una camera d'aria banda (f) de reparación de una cámara de aire	4
Lappen (m) strip, strap, plaster bavette (f)		лоскутъ (m) linguetta (f) parche (m), emplasto (m), lengüeta (f)	5
mit Gummilösung bestreichen (v) to cover *or* smear with solution enduire (v) [la pastille] d'une solution de caoutchouc	a	обмазать резиновымъ растворомъ ricoprire (v) *o* spalmare (v) con una soluzione di gomma enlucir (v) la pastilla con una disolución de goma elástica	6
Gummilösung (f) rubber solution solution (f) de caoutchouc		резиновый растворъ (m); каучуковый растворъ soluzione (f) di gomma disolución (f) de goma elástica	7
flüssiger Gummi (m) fluid rubber solution solution (f) de caoutchouc	a	жидкая резина (f); жидкій каучукъ (m) gomma (f) liquida disolución (f) de caucho, goma (f) liquida	8
trocknen lassen (v) to allow to dry laisser sécher (v)		оставить сохнуть; дать высохнуть asciugare (v), seccare (v) dejar secar (v)	9
Stoff zurechtschneiden und darüber kleben (v) to cut a piece of canvas to the right size and to stick it on couper (v) de la toile à la grandeur voulue et la coller par-dessus		выкроить подходящій кусокъ и наклеить сверху tagliare (v) un pezzo adatto ed incollarlo cortar (v) la tela al tamaño necesario y pegarla por encima	10

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1 Patentflicken (m)
patent tyre repair process
procédé (m) de réparation breveté

патентованная заплатка (f)
procedimento (m) brevettato di rappezzatura
procedimiento (m) de reparación patentado

---

9 Dichtungspfropfen (m) für Schläuche
caulking plug for tyres
bouchon (m) obturateur pour [réparation de] [bandage] creux

[уплотняющая] пробка (f) для воздушныхъ трубокъ; затычка (f) для воздушныхъ камеръ
tappo (m) otturatore per pneumatici
tapón (m) [obturador] para reparación de llanta hueca

---

3 einen Nagelschaden mittels Gummipilz ausbessern (v)
to repair a nail puncture by means of a rubber plug
réparer (v) une perforation *ou* une piqûre au moyen d'un [bouchon en forme de] champignon

заткнуть проколъ резиновой затычкой съ металлическимъ шарикомъ внутри
riparare (v) un foro di chiodo con tappo di gomma
reparar (v) un pinchazo por medio de un tapón en forma de seta

---

4 gummiertes Flickzeug (n)
rubbered canvas patch piece
pièce (f) de réparation enduite de caoutchouc

прорезиненный матеріалъ (m) для заплатокъ
pezzo (m) di stoffa gommata per rappezzare
pieza (f) de reparación enlucida de caucho

---

5 Gummikitt (m), Gummizement (m)
rubber mastic *or* cement
mastic (m), ciment (m)

резиновая мастика (f); резиновый клей (m)
mastice (m) da gomma, tenacio (m)
mastic (m), cemento (m)

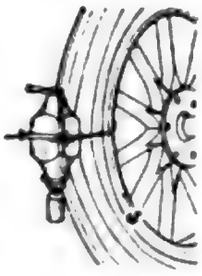
---

6 vulkanisieren (v)
to vulcanize
vulcaniser (v)

вулканиз[ир]овать
vulcanizzare (v)
vulcanizar (v)

---

7 Vulkanisierapparat (m)
vulcanizer
appareil (m) de vulcanisation, vulcanisateur (m)



аппаратъ (m) для вулканиз[ир]ованія; вулканизаторъ (m)
apparecchio (m) per vulcanizzare
aparato (m) de vulcanización, vulcanizador (m)

---

8 Auflegehebel (m), Montierhebel (m)
tyre lever
levier (m) de montage, levier (m) de pneu

рычагъ (m) для надѣванія шинъ; снималка (f)
leva (f) pel pneumatico *o* di montaggio
palanca (f) para neumático desmontable

---

9 Montiergabel (f)
tyre fork, fork lever
levier-fourche (m)

вилка (f) для надѣванія шинъ
leva (f) *o* forcella (f) di montaggio
horquilla (f) de montaje

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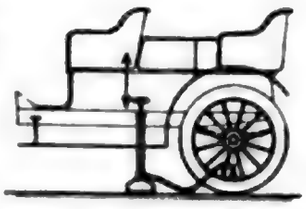
den Reifen aufpumpen (v)
to pump up *or* inflate the tyre
gonfler (v) le pneu



накач-ать (-ивать) шину
gonfiare (v) la gomma
inflar (v) el neumático
1

---

pumpen (v)
to pump
pomper (v)

накач-ать (-ивать)
gonfiare (v), pompare (v)
dar (v) á la bomba
2

---

aufgepumpter Reifen (m)
inflated tyre
pneu (m) gonflé

накаченная шина (f)
gomma (f) gonfiata
neumático (m) inflado
3

---

stark aufgepumpt (adj), stark aufgeblasen (adj)
fully *or* strongly inflated, hard pumped
gonflé (adj) à bloc

сильно накаченная [шина] (f)
gonfiato (agg) a forte pressione
inflado (adj) por completo *ó* á fondo
4

---

die Luft herauslassen (v)
to let out the air
laisser échapper (v) l'air

выпустить воздухъ
far uscire (v) l'aria
dejar escapar (v) *ó* perder (v) el aire
5

Luftpumpe (f) für Pneumatik
tyre *or* air pump
pompe (f) à air [pour pneus], pompe (f) à pneus

воздушный насосъ (m) [для пневматическихъ шинъ]
pompa (f) d'aria per pneumatici
bomba (f) de aire [para neumáticos], bomba (f) para neumáticos
6

Luftpumpe (f) mit Fuß
tyre pump with stirrup *or* stand *or* foot
pompe (f) à air avec pied

ножной воздушный насосъ (m); насосъ со стременемъ
pompa (f) d'aria con piede
bomba (f) de aire con pie
7

Pumpenschlauch (m)
pump tube, rubber pump-connecting tube
tube (m) flexible de pompe

a

рукавъ (m) *или* трубка (f) воздушнаго насоса
tubo (m) della pompa
tubo (m) flexible para bomba
8

---

ausziehbare Luftpumpe (f), Teleskoppumpe (f)
telescopic inflator *or* pump
pompe (f) télescopante

выдвижной *или* раздвижной воздушный насосъ (m); телескопообразный насосъ
pompa (f) d'aria a telescopio
bomba (f) de telescopio
9

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1 Luftpumpenkolben (m)
air *or* tyre pump piston
piston (m) de pompe à air

поршень (m) воздушнаго насоса
stantuffo (m) della pompa d'aria
émbolo (m) de bomba de aire

2 Ersatzluftschlauch (m), Reserveluftschlauch (m)
reserve *or* spare inner tube
chambre (f) à air de rechange

запасная воздушная трубка (f); запасная воздушная камера (f)
tubo (m) flessibile della pompa
cámara (f) de aire de recambio

3 mechanisch angetriebene Luftpumpe (f)
mechanically driven air pump
pompe (f) à air à commande mécanique

воздушный насосъ (m) съ механическимъ приводомъ
pompa (f) d'aria a comando meccanico
bomba (f) de aire con accionamiento mecánico

4 vom Schwungrad angetriebene Luftpumpe (f)
air pump driven off the flywheel
pompe (f) à air commandée par le volant, pompe (f) à air à commande mécanique

воздушный насосъ (m), приводимый въ движеніе маховикомъ
pompa (f) d'aria comandata dal volano
bomba (f) de aire accionada por el volante

5 der Reifen wird beim Fahren warm
the tyre becomes warm when running
le bandage s'échauffe en roulant

шина (f) нагрѣвается при ѣздѣ
il cerchio si riscalda nella marcia
el neumático se calienta rodando

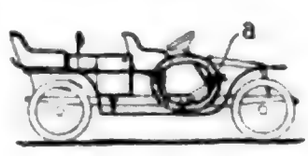
6 der Gummi wird spröde
the rubber perishes
le caoutchouc devient cassant *ou* sec

резина (f) становится хрупкой; каучукъ (m) становится хрупкимъ
la gomma si screpola
el caucho se pone quebradizo *ó* seco

7 Aufbewahrung (f) der Reifen
preservation of the tyres
conservation (f) des bandages

сохраненіе (n) шинъ
conservazione (f) delle guarniture di gomma
conservación (f) de los bandajes

8 Ersatzdeckenhalter (m), Reservemantelhalter (m)
spare cover holder
fourragère (f)



a

крючокъ (m) *или* держатель (m) для запасной шины
porta-copertura (m) di riserva, porta-gomme (m) di ricambio
forragera (f), porta-mantas (m) de reserva

9 auf der Felge fahren (v)
to run up on the rim
rouler (v) sur la jante

ѣхать на ободѣ
marciare (v) sul cerchio
rodar (v) sobre la llanta

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IV.

Ausrüstung der Wagen mit Explosionsmotoren

Оборудованіе колясокъ двигателями внутренняго сгоранія

Equipment of Cars with Internal Combustion Engines

Corredamento meccanico delle vetture con motori a scoppio

Mécanisme des voitures à moteur d'explosion

Mecanismo de los coches con motor de explosión

Motoren
Motors
Moteurs

Моторы
Motori
Motores

1

Motor (m)
motor, engine (A)
moteur (m)

двигатель (m); моторъ (m)
motore (m)
motor (m)

2

Benzinmotor (m)
petrol motor, gasoline engine (A)
moteur (m) à benzine *ou* à essence

бензиновый двигатель (m) *или* моторъ (m)
motore (m) a benzina
motor (m) de bencina

3

Spiritusmotor (m)
alcohol motor
moteur (m) à alcool

спиртовый двигатель (m) *или* моторъ (m)
motore (m) ad alcool
motor (m) de alcohol

4

Petroleummotor (m)
paraffin motor
moteur (m) à pétrole

керосиновый двигатель (m) *или* моторъ (m)
motore (m) a petrolio
motor (m) de petróleo

5

Ölmotor (m)
oil motor, oil engine
moteur (m) à huile minérale

двигатель (m) *или* моторъ (m) для жидкаго топлива
motore (m) ad olio
motor (m) de aceite mineral

6

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1	Viertaktmotor (m), Viertaktmaschine (f) four stroke motor *or* engine, motor with the Beau de Rochas cycle moteur (m) à quatre temps	четырёхтактный двигатель (m) *или* моторъ (m) motore (m) a quattro tempi motor (m) de cuatro tiempos
2	Zweitaktmotor (m), Zweitaktmaschine (f) two stroke motor, motor with two-stroke cycle, two cycle engine (A) moteur (m) à deux temps	двухтактный двигатель (m) *или* моторъ (m) motore (m) a due tempi motor (m) de dos tiempos
3	Gleichdruckmotor (m) constant pressure motor moteur (m) à pression constante	двигатель (m) *или* моторъ (m) постояннаго давленія motore (m) a pressione costante motor (m) de presión constante
4	Einzylindermotor (m) single cylinder motor moteur (m) monocylindrique, moteur (m) à un cylindre	одноцилиндровый двигатель (m) *или* моторъ (m) motore (m) monocilindrico motor (m) de un cilindro
5	Zweizylindermotor (m) two cylinder motor moteur (m) à deux cylindres, moteur (m) bicylindrique	двухцилиндровый двигатель (m) *или* моторъ (m) motore (m) a due cilindri motor (m) de dos cilindros
6	Dreizylindermotor (m) three cylinder motor moteur (m) à trois cylindres	трёхцилиндровый двигатель (m) *или* моторъ (m) motore (m) a tre cilindri motor (m) de tres cilindros
7	Vierzylindermotor (m) four cylinder motor moteur (m) à quatre cylindres	четырёхцилиндровый двигатель (m) *или* моторъ (m) motore (m) a quattro cilindri motor (m) de cuatro cilindros

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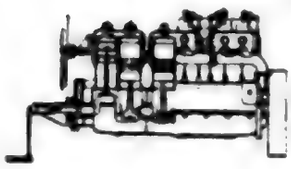
Sechszylindermotor (m)
six cylinder motor
moteur (m) à six cylindres



шестицилиндровый двигатель (m) *или* моторъ (m)
motore (m) a sei cilindri
motor (m) de seis cilindros *1*

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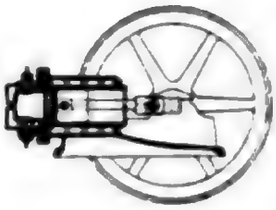
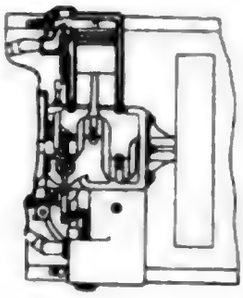
liegender Motor (m)
horizontal engine
moteur (m) horizontal



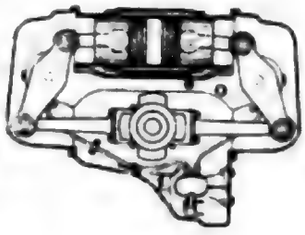
горизонтальный двигатель (m) *или* моторъ (m)
motore (m) orizzontale
motor (m) horizontal *2*

Motor (m) mit gegenläufigen Kolben
horizontal motor with cylinders on opposite sides of the crank shaft and with the cranks at 180°
moteur (m) à manivelles de piston calées à 180° *ou* à cylindres opposés



двигатель (m) *или* моторъ (m) съ поршнями, движущимися по противоположнымъ направленіямъ
motore (m) a stantuffi con manovelle a 180° *od* a cilindri contrapposti
motor (m) de émbolos de carreras opuestas *ó* de cilindros opuestos *3*

Schwinghebelmotor (m), Balancemotor (m)
two cylinder horizontal motor with return connecting rods
moteur (m) à deux bielles conjugées oscillantes (double piston)



двигатель (m) *или* моторъ (m) съ балансиромъ
motore (m) a bilanciere
motor (m) de balancin *4*

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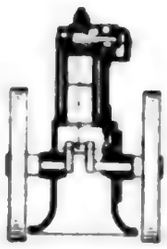
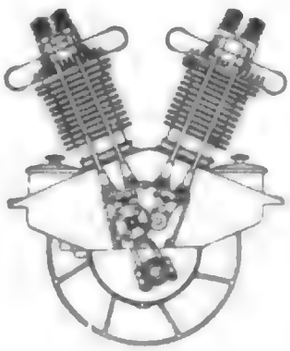
stehender Motor (m)
vertical motor
moteur (m) vertical



вертикальный двигатель (m) *или* моторъ (m)
motore (m) verticale
motor (m) vertical *5*

V-Motor (m), Motor (m) mit V-förmig angeordneten Zylindern
V motor, motor with cylinders set at an angle to the crank shaft (in V-fashion)
moteur (m) dont les axes des cylindres forment un V



двигатель (m), оси цилиндровъ котораго образуютъ букву V; моторъ (m) въ видѣ буквы V
motore (m) a V *o* a forca *o* con cilindri disposti a forma di V
motor (m) en V *6*

---

luftgekühlter Motor (m)
air-cooled motor
moteur (m) à refroidissement d'air

двигатель (m) *или* моторъ (m) съ воздушнымъ охлажденіемъ
motore (m) con raffreddamento ad aria
motor (m) de refrigeración por aire *7*

---

doppeltwirkend (adj)
double acting
à double effet

. . . двойного дѣйствія
a doppio effetto
de doble efecto *8*

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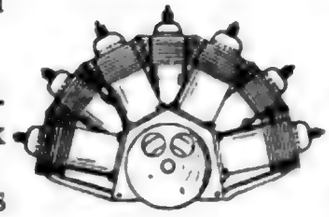
1 Motor (m) mit fächerförmig angeordneten Zylindern
motor with cylinders arranged in a semicircle about the crank shaft
moteur (m) à cylindres disposés en éventail



двигатель (m) *или* моторъ (m) съ цилиндрами, расположенными вѣерообразно
motore (m) a ventaglio *o* con cilindri disposti a forma di ventaglio
motor (m) con cilindros dispuestos en abanico

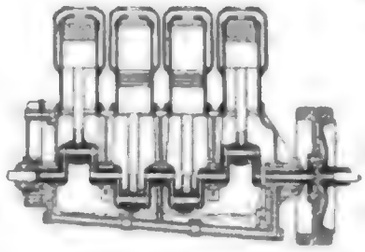
---

2 Motor (m) mit umlaufenden Zylindern
motor with rotating *or* revolving cylinders
moteur (m) à cylindres rotatifs

двигатель (m) *или* моторъ (m) съ вращающимися цилиндрами
motore (m) a cilindri rotativi *o* rotanti
motor (m) de cilindros rotatorios

---

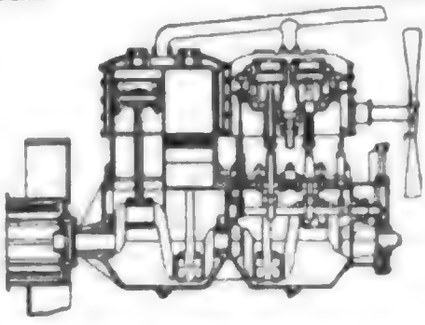
3 Motor (m) mit einzeln stehenden Zylindern
motor engine with separate cylinders
moteur (m) à cylindres séparés



двигатель (m) *или* моторъ (m) съ отдѣльными вертикальными цилиндрами
motore (m) a cilindri separati
motor (m) de cilindros separados

---

4 Motor (m) mit paarweise zusammengegossenen Zylindern
motor with cylinders cast in pairs
moteur (m) à cylindres fondus par paires



двигатель (m) *или* моторъ (m) съ парными цилиндрами
motore (m) a cilindri fusi per paia *od* a cilindri accoppiati
motor (m) con par de cilindros fundidos por pares

---

5 Blockmotor (m)
motor with cylinders all in one piece
moteur (m) d'un seul bloc, moteur (m) motobloc

двигатель (m), отлитый за одно цѣлое; двигатель съ цилиндрами, отлитыми въ одномъ кускѣ; мотоблокъ (m); блокмоторъ (m)
motore (m) con cilindri in un sol blocco di fusione, motore (m) monoblocco
motor (m) con cilindros de una sola pieza de fundición

---

6 wassergekühlter Motor (m)
water-cooled motor
moteur (m) à refroidissement d'eau

двигатель (m) *или* моторъ (m) съ водянымъ охлажденіемъ
motore (m) con raffreddamento ad acqua
motor (m) de enfriamiento por agua

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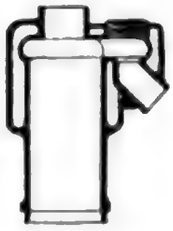
7 Zylinder (m)
cylinder
cylindre (m)



цилиндръ (m)
cilindro (m)
cilindro (m)

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Graugußzylinder (m)
cylinder of grey cast-iron
cylindre (m) de fonte grise

цилиндръ (m) изъ сѣраго чугуна
cilindro (m) di ghisa grigia
cilindro (m) de fundición gris
1

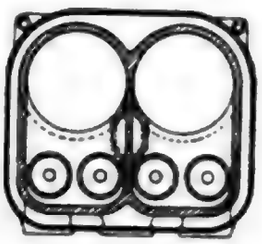
Stahlzylinder (m)
steel cylinder
cylindre (m) d'acier

стальной цилиндръ (m)
cilindro (m) di acciaio
cilindro (m) de acero
2

Arbeitszylinder (m)
working cylinder
cylindre (m) moteur

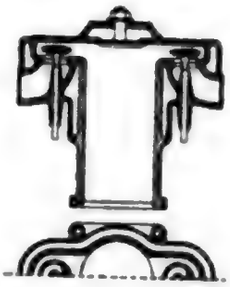
рабочій цилиндръ (m)
cilindro (m) motore
cilindro (m) motor
3

Zylinder (m) mit einseitig angeordneten Ventilen
cylinder with valves arranged on one side
cylindre (m) à soupapes disposées d'un seul côté



цилиндръ (m) съ клапанами, расположенными съ одной только стороны
cilindro (m) colle valvole disposte da una parte
cilindro (m) con válvulas dispuestas á un solo lado
4

Zylinder (m) mit beiderseitig (symmetrisch) angeordneten Ventilen
cylinder with valves on either side arranged symmetrically
cylindre (m) à soupapes placées (symétriquement) de chaque côté du moteur

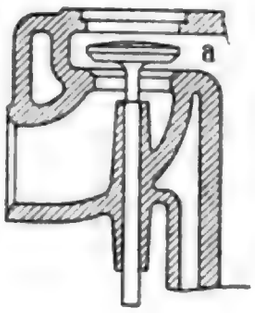


цилиндръ (m) съ симметричнымъ расположеніемъ клапановъ; цилиндръ съ клапанами, расположенными по обѣимъ сторонамъ
cilindro (m) colle valvole disposte dalle due parti *o* colle valvole simmetriche
cilindro (m) con válvulas dispuestas (simétricamente) á los dos lados
5

Zylinder (m) mit hängend angeordneten Ventilen
cylinder with drop valves
cylindre (m) à soupapes s'ouvrant de haut en bas

цилиндръ (m) съ подвѣшенными клапанами
cilindro (m) colle valvole sospese
cilindro (m) de válvulas que se abren de arriba abajo
6

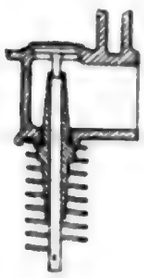
Ventilkammer (f)
valve chest
chapelle (f) *ou* boîte (f) *ou* chambre (f) de soupape



клапанная коробка (f)
camera (f) della valvola
cámara (f) ó caja (f) de la válvula
7

a

eingeschraubte Ventilführung (f)
valve spindle guide screwed in place
guide (m) de soupape vissé sur place



ввинченная направляющая (f) клапана
guida (f) dello stelo della valvola avvitata
guía (f) del vástago en la cámara atornillada [en la culata]
8

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1 Zylinder (m) mit aufgesetztem Kopf
cylinder with separate head *or* combustion chamber
cylindre (m) à culasse rapportée

цилиндръ (m) съ насаженной головкой
cilindro (m) a testa separata
cilindro (m) de culata separada

---

2 Zylinderkopf (m)
head of cylinder, combustion chamber *or* head
culasse (f), calotte (f), tête (f) de moteur

цилиндровая головка (f); головка цилиндра
testa (f) *o* fondo (m) *o* culatta (f) del cilindro
culata (f) del cilindro

---

3 Zylinder (m) mit eingesetztem Laufmantel
cylinder with liner
cylindre (m) à chemise intérieure rapportée, fourreau (m)

цилиндръ (m) со вставленной рабочей втулкой
cilindro (m) a camicia interna
cilindro (m) de camisa interior suelta

---

4 Laufzylinder (m)
liner
chemise (f) intérieure du cylindre

вставная рабочая втулка (f) цилиндра
camicia (f) interna
camisa (f) interior del cilindro

---

5 Doppelzylinder (m), Zylinderpaar (n)
twin cylinder
cylindre (m) double

двойной *или* парный цилиндръ (m)
cilindro (m) doppio, coppia (f) di cilindri
cilindro (m) doble

---

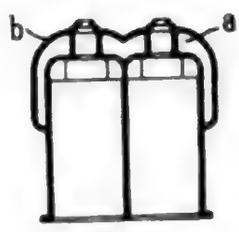
6 Zweizylinderblock (m)
two *or* twin cylinder casting
cylindre (m) fondu par paires, cylindres (m pl) jumelés

группа (f) изъ двухъ цилиндровъ, отлитыхъ въ одно цѣлое
blocco (m) di due cilindri
bloque (m) de dos cilindros, cilindros (m pl) gemelos

---

7 Dreizylinderblock (m)
three cylinder casting
bloc (m) de trois cylindres (venus ensemble de fonte)

группа (f) изъ трёхъ цилиндровъ, отлитыхъ въ одно цѣлое
blocco (m) di tre cilindri
bloque (m) de tres cilindros (fundidos en una pieza)



8 Wasserraum (m)
water jacket space
chemise (f) d'eau, chambre (f) de circulation d'eau, enveloppe (f) du cylindre

водяное пространство (n); водяная камера (f)
camera (f) d'acqua
cámara (f) de agua, cámara (f) de circulación de agua

---

9 Kühl[wasser]mantel (m)
water jacket
chemise (f) d'eau de refroidissement

[водяная] рубашка (f) для охлажденія
camicia (f) d'acqua di raffreddamento
camisa (f) de agua de enfriamiento

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Dampfsack (m) im Wasserraum steam pocket in water jacket poche (f) de vapeur dans la chemise d'eau		воздушный мѣшокъ (m) въ водяномъ пространствѣ *или* въ водяной камерѣ sacca (f) di vapore nella camera d'acqua bolsa (f) de vapor en la cámara de agua	*1*
Einlaßseite (f) inlet side côté (m) de l'entrée *ou* de l'admission		сторона (f) впуска parte(f) dell'ammissione lado (m) de entrada	*2*
Auslaßseite (f) outlet side côté (m) de la sortie *ou* de l'échappement		сторона (f) выпуска parte (f) dello scappamento lado (m) de salida	*3*
Kernpfropfen (m) core plug bouchon (m)		пробка (f); стержневая пробка tappo (m) tapón (m)	*4*
Kompressionshahn (m) compression cock décompresseur (m), robinet (m) de la chambre de compression, robinet (m) de décompression		кранъ (m) сжатія; компрессіонный кранъ robinetto (m) di compressione grifo (m) de la cámara de compresión, grifo (m) de decompresión	*5*
Verdichtungsraum (m), Kompressionsraum (m) compression chamber chambre (f) de compression	a	камера (f) сжатія camera (f) di compressione cámara (f) de compresión	*6*
Verbrennungsraum (m) combustion chamber chambre (f) de combustion		камера (f) сгоранія camera (f) di combustione cámara (f) de combustión	*7*
Explosionsraum (m) explosion chamber chambre (f) d'explosion		камера (f) взрывовъ camera (f) di esplosione cámara (f) de explosión	*8*
Zylinderinhalt (m), Zylindervolumen (n) cylinder volume volume (m) du cylindre, cylindrée (f)		ёмкость (f) цилиндра capacità (f) *o* volume (m) del cilindro volumen (m) del cilindro, cilindrada (f)	*9*
Versteifungsrippe (f) stiffening rib nervure (f) de renforcement		жёсткое *или* укрѣпляющее ребро (n) nervatura (f) di rinforzo nervio (m) de refuerzo *ó* de consolidación	*10*

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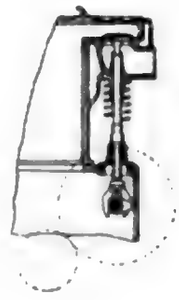
1	Kolbenlauffläche (f) guide surface of piston surface (f) frottante du piston	рабочая поверхность (f) поршня superficie (f) di scorrimento dello stantuffo superficie (f) de resbalamiento del émbolo
2	unrunder Zylinder (m) oval cylinder cylindre (m) ovalisé	некруглый цилиндръ (m) cilindro (m) ovalizzato cilindro (m) ovalado
3	Zündkanal (m), Schußkanal (m) ignition tube tube (m) *ou* canal (m) de la bougie d'allumage, tube pour l'allumage	каналъ (m) запала; запальный каналъ canale (m) *o* tubo (m) di accensione tubo (m) de encendido
4	Öffnung (f) für die Zündkerze opening for spark plug ouverture (f) pour [le passage de] la bougie d'allumage	отверстіе (n) для запальной свѣчи apertura (f) per candela di accensione orificio (m) para la bujía de encendido
5	Kerzengewinde (n) spark plug thread partie (f) filetée *ou* filetage (m) de la bougie	нарѣзка (f) свѣчи impanatura (f) della candela parte (f) roscada de la bujía
6	Steuerschlitz (m) ignition port lumière (f) de distribution	распредѣлительное окошко (n) feritoia (f) di distribuzione lumbrera (f) de distribución
7	Spülleitung (f) scavenging duct tubulure (f) d'évacuation *ou* d'expulsion *ou* de chasse	труба (f) для продувки condotto (m) di lavatura *o* di evacuazione tubería (f) de expulsión
8	Ventil (n) valve soupape (f)	клапанъ (m); вентиль (m) valvola (f) válvula (f)
9	stehendes Ventil (n) vertical valve soupape (f) verticale	вертикальный клапанъ (m) *или* вентиль (m) valvola (f) verticale válvula (f) vertical
10	gesteuertes Ventil (n) mechanically operated valve soupape (f) commandée, soupape (f) desmodromique	управляемый [механически] клапанъ (m) *или* вентиль (m) valvola (f) comandata válvula (f) mandada *ó* accionada



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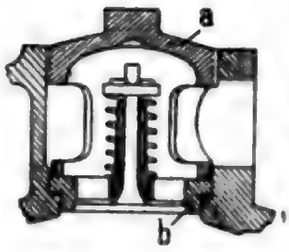
liegendes Ventil (n) horizontal valve soupape (f) horizontale		горизонтальный клапанъ (m) *или* вентиль (m) valvola (f) orizzontale válvula (f) horizontal	1
hängendes Ventil (n) inverted vertical valve, drop valve soupape (f) renversée *ou* s'ouvrant de haut en bas		висячій клапанъ (m); обратный вентиль (m) valvola (f) sospesa válvula (f) invertida *ó* que se abre de arriba abajo	2
Ventileinsatz (m), Ventilkorb (m) valve seating *or* chamber chapelle (f) rapportée de la soupape	a	клапанная вставка (f); клапанный фонарь (m) gabbia (f) della valvola caja (f) suelta de válvula	3
eingesetzter Ventilsitz (m) separate valve seat siège (m) rapporté de soupape	b	вставленное сѣдло (n) клапана sede (f) separata della valvola asiento (m) separado *ó* suelto de la válvula	4
selbsttätiges *oder* automatisches Ventil (n) automatic valve soupape (f) automatique		самодѣйствующій клапанъ (m); автоматическій вентиль (m) valvola (f) automatica válvula (f) automática	5
Einlaßventil (n), Saugventil (n) inlet valve, suction valve, intake (A) soupape (f) d'admission, soupape(f) d'aspiration		впускной клапанъ (m); всасывающій вентиль (m) valvola (f) di ammissione *o* di aspirazione válvula (f) de admisión *ó* de aspiración	6
Auspuffventil (n) exhaust valve soupape (f) d'échappement		выхлопной клапанъ (m); выпускной вентиль (m) valvola (f) di scappamento válvula (f) de escape	7
Ringventil (n) mushroom *or* annular valve soupape (f) circulaire		кольцевой клапанъ (m) *или* вентиль (m) valvola (f) anulare válvula (f) anular	8
Doppelsitzventil (n) double seated *or* beat valve soupape (f) à double siège		двухопорный клапанъ (m) *или* вентиль (m) valvola (f) a doppia sede válvula (f) de doble asiento	9

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1	entlastetes Ventil (n) balanced valve soupape (f) équilibrée	разгружённый клапанъ (m) *или* вентиль (m) valvola (f) compensata válvula (f) equilibrada
2	Ventilteller (m) valve disc *or* head tête (f) de soupape	клапанная тарелка (f) disco (m) della valvola platillo (m) de la válvula
3	kegelförmiger Ventilsitz (m) conical valve seat siège (m) conique de soupape	коническое сѣдло (n) клапана *или* вентиля sede (f) conica della valvola asiento (m) cónico de la válvula
4	flacher Ventilsitz (m) flat valve seat siège (m) plan de soupape	плоское сѣдло (n) клапана *или* вентиля sede (f) piana della valvola asiento (m) plano de la válvula
5	Ventilschaft (m), Ventilspindel (f) valve stem tige (f) *ou* queue (f) de soupape	стержень (m) клапана; шпиндель (m) вентиля stelo (m) della valvola vástago (m) de la válvula
6	Ventilhub (m) valve lift *or* travel *or* stroke levée (f) de soupape	высота (f) подъёма клапана; ходъ (m) вентиля alzata (f) della valvola carrera (f) de la válvula
7	Ventilsitzfläche (f) face of valve seating surface (f) du siège, portée (f) de la soupape	поверхность (f) сѣдла клапана; опорная поверхность вентиля superficie (f) di contatto *o* della sede della valvola superficie (f) de contacto *ó* de asiento de la válvula
8	Ventilfeder (f) valve spring ressort (m) de soupape	клапанная пружина (f) molla (f) della valvola muelle (m) *ó* resorte (m) de la válvula

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zylindrische Ventilfeder (f)
cylindrical spiral valve spring
ressort (m) cylindrique de soupape

цилиндрическая клапанная пружина (f)
molla (f) cilindrica della valvola
muelle (m) cilíndrico de la válvula

1

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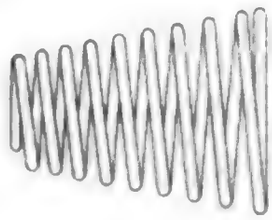
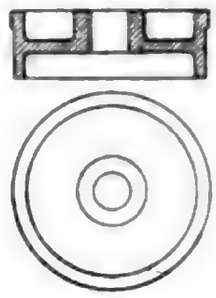
kegelförmige [*oder* konische] Ventilfeder (f)
conical spiral valve spring
ressort (m) conique *de* soupape



коническая клапанная пружина (f)
molla (f) conica della valvola
muelle (m) cónico de la válvula

2

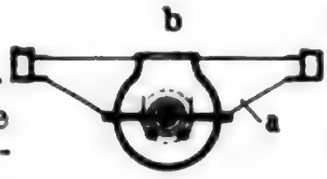
Federteller (m)
spring plate *or* washer
rondelle (f) *ou* cuvette (f) de ressort



тарелка (f) *или* шайба (f) для пружины
disco (m) di appoggio della molla
platillo (m) de apoyo del muelle

3

Motorgehäuse (n), Kurbelgehäuse (n)
crank case *or* chamber
enveloppe (f) *ou* boîte (f) protectrice du moteur, carter (m), boîtier (m) de moteur



кожухъ (m) двигателя *или* мотора; картеръ (m) *или* коробка (f) кривошипа
base (f) del motore
caja (f) del motor, carter (m) del motor

4

Gehäusearm (m)
supporting bracket *or* arm on crank chamber
bras (m) *ou* patte (f) de carter *ou* d'enveloppe *ou* de boîte

a

лапа (f) картера *или* коробки
braccio (m) della base (del motore)
brazo (m) de fijación de la caja

5

Hohlgußarm (m)
hollow cast bracket
bras (m) creux en fonte

b

пустотѣлая *или* полая лапа (f)
braccio (m) cavo di ghisa
brazo (m) de fundición hueco

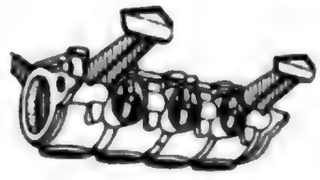
6

Zylinderstandfläche (f)
joint surface of cylinder foot
surface (f) d'appui du cylindre

опорная поверхность (f) цилиндра
superficie (f) di appoggio del cilindro
superficie (f) de apoyo del cilindro

7

Tunnelgehäuse (n)
crank chamber, case of circular section
carter (m) tubulaire



трубчатая коробка (f) трубчатый картеръ (m)
base (f) con camera tubulare
caja (f) de forma cilíndrica

8

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wagerecht geteiltes Gehäuse (n)
horizontally divided crank chamber
1 carter (m) divisé horizontalement, enveloppe (f) *ou* boîte (f) divisée horizontalement

коробка (f), раздѣлённая горизонтально; картеръ (m), раздѣлённый горизонтально
camera (f) divisa orizzontalmente
caja (f) dividida horizontalmente

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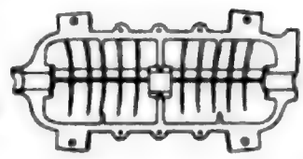
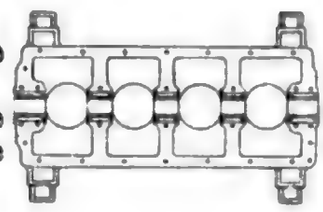
verripptes Gehäuse (n)
crank chamber with stiffening ribs
2 carter (m) *ou* boîte (f) *ou* enveloppe (f) à nervures



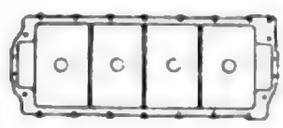
ребристый картеръ (m); ребристая коробка (f)
camera (f) con nervature
caja (f) con nervios de refuerzo

Gehäuseoberteil (m)
upper half of crank case
3 couvercle (m) *ou* chapeau (m) de boîte *ou* d'enveloppe *ou* de carter



верхняя часть (f) картера; верхъ (m) коробки
parte (f) superiore della base (del motore)
parte (f) superior de la caja

Gehäuseunterteil (m)
lower half of crank case
4 fond (m) de carter *ou* de boîte *ou* d'enveloppe



нижняя часть (f) картера; низъ (m) коробки
parte (f) inferiore della base
parte (f) inferior de la caja

Räderkasten (m)
5 gear casing
carter (m) d'engrenage

коробка (f) зубчатой передачи
scatola (f) *o* camera (f) *o* carter (m) degli ingranaggi
caja (f) de engranaje

Räderkastendeckel (m)
end cover for gear wheel casing
6 boîtier (m) supérieur de carter, chapeau (m) *ou* couvercle (m) de carter d'engrenage

передняя крышка (f) коробки зубчатой передачи
coperchio (m) della scatola degli ingranaggi
tapa (f) de la caja de engranaje

Ölwanne (f)
oil well
7 baquet (m) *ou* récipient (m) d'huile, boîtier (m) inférieur de carter

масляная ванна (f); резервуаръ (m) для масла, образуемый картеромъ
vasca (f) d'olio
depósito (m) para aceite, parte (f) inferior de la caja

Gehäuseunterteilung (f)
subdivision of crank case
8 subdivision (f) de carter *ou* de boîte

подраздѣленіе (n) коробки *или* картера
suddivisione (f) della scatola *o* del carter
subdivisión (f) de la caja

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Gehäusetrennwand (f) partition of crank case cloison (f) intérieure de carter *ou* de boîte *ou* d'enveloppe	a	перегородка (f) въ коробкѣ *или* въ картерѣ parete (f) di separazione nella scatola tabique (m) en la caja	*1*
Scheidewand (f) im Untergehäuse partition in lower half of crank case cloison (f) dans un fond de carter *ou* de boîte	a	перегородка (f) въ нижней коробкѣ *или* въ нижней части картера parete (f) divisoria nella parte inferiore della base del motore tabique (m) en el fondo de la caja	*2*
Gehäuseflansch (m) crank chamber flange bride (f) de carter *ou* d'enveloppe *ou* de boîte	a	фланецъ (m) коробки *или* картера flangia (f) della scatola *o* del carter *o* della base brida (f) de la caja	*3*
Schlammsack (m) mud box caisse (f) à dépôts, collecteur (m) de dépôts		грязевикъ (m) raccoglitore (m) dei rifiuti colector (m) de fango	*4*
Schlammdeckel (m) mud cover couvercle (m) de la caisse à dépôts		крышка (f) грязевика coperchio (m) del raccoglitore dei rifiuti tapa (f) del colector de fango	*5*
Zylinderstehbolzen (m) cylinder stud bolt boulon (m) de fixation *ou* d'attache sur le cylindre		шпилька (f) tirantino (m) sopra il cilindro perno (m) de sujeción sobre el cilindro	*6*
Handloch (n) inspection hole, hand hole orifice (m) de visite		люкъ (m) buco (m) d'accesso agujero (m) de acceso ó de revisión	*7*
Handlochdeckel (m) handhole cover tampon (m) [de fermeture de l'orifice] de visite		крышка (f) люка coperchio (m) del buco d'accesso tapa (f) del agujero de acceso	*8*
Gehäuse (n) zur Zündverstellung casing for spark adjustment cadre (m) du régulateur d'allumage		коробка (f) для регулированія запала *или* зажиганія scatola (f) per la regolazione dell'accensione cuadro (m) del regulador de encendido	*9*
Ölstandhahn (m) oil level cock robinet (m) de niveau d'huile		кранъ (m) уровня масла robinetto (m) di livello dell'olio grifo (m) de nivel de aceite	*10*

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1	Ölablaßhahn (m) oil drain cock purgeur (m), robinet (m) de vidange d'huile	маслоспускной кранъ (m) robinetto (m) d'evacuazione dell'olio grifo (m) de evacuación del aceite, grifo (m) de purga
2	Ölablaßschraube (f) oil drain plug bouchon (m) fileté de vidange d'huile	нарѣзная пробка (f) для выпуска масла tappo (m) a vite per lo scarico dell'olio tapón (m) roscado para la purga de aceite
3	Entlüftungsvorrichtung (f) air-exhausting device dispositif (m) pour l'évacuation de l'air	приспособленіе (n) для выпуска воздуха dispositivo (m) per lo scarico dell'aria disposición (f) de evacuación de aire
4	Dunstrohr (n) vapour tube, induction pipe tuyau (m) *ou* buse (f) d'évacuation des vapeurs	газоотводящая труба (f) tubo (m) aeratore tubo (m) de escape de los gases
5	Steuerwellenlager (n) cam shaft bearing palier (m) d'arbre de distribution	подшипникъ (m) распредѣлительнаго вала sopporto (m) dell'albero di distribuzione soporte (m) *ó* cojinete (m) del árbol de distribución
6	Kurbelwellenlager (n) crank shaft bearing palier(m) de vilebrequin, palier (m) principal	подшипникъ(m) колѣнчатаго вала sopporto (m) dell'albero a manovella cojinete (m) del árbol cigüeñal
7	Bronzelager (n) gun metal bearing coussinet (m) de bronze	бронзовый подшипникъ (m) cuscinetto (m) di bronzo cojinete (m) de bronce
8	Lagerschale (f) mit Weißmetall babbited bearing lining coussinet (m) de métal blanc	вкладышъ (m), залитый бабитомъ *или* бѣлымъ металломъ cuscinetto (m) con metallo bianco cojinete (m) de metal blanco
9	ein Lager läuft aus, ein Lager schmilzt aus the bearing runs out *or* melts un coussinet fond	подшипникъ (m) выплавляется un cuscinetto si fonde un cojinete funde

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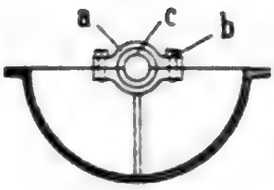
ein Lager ausgießen (v)
to line a bearing
couler (v) un coussinet, regarnir (v) *ou* réguler (v) un coussinet

зали-ть (-вать) подшипникъ
fondere (v) un cuscinetto, guarnire (v) un cuscinetto di metallo antifrizione
guarnecer (v) de metal antifricción el cojinete
1



Lagerdeckel (m)
bearing cap *or* cover
chapeau (m) de palier

крышка (f) подшипника
coperchio (m) del sopporto
tapa (f) del cojinete
2

a

Lagerbolzen (m)
bearing bolt
boulon (m) de palier

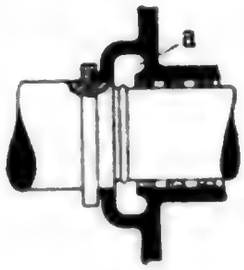
b

болтъ (m) [отъ крышки] подшипника
bullone (m) del sopporto
tornillo (m) del cojinete
3

Lagerschale (f)
bearing brass
coussinet (m), coquille (f) de coussinet

c

вкладышъ (m) подшипника
cuscinetto (m)
cojinete (m)
4



Ölkammer (f) für Lagerschalen
oil box for brasses
chambre (f) de graissage de coussinet

масляная камера (f) для вкладышей
camera (f) d'olio per cuscinetti
cámara (f) de aceite para cojinetes
5

a

Kurbelwelle (f)
crank shaft
arbre-manivelle (m), vilebrequin (m), arbre (m) coudé

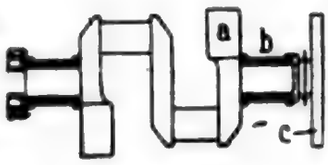
колѣнный *или* колѣнчатый валъ (m)
albero (m) a manovella *od* a gomito
árbol-manivela (m), árbol (m) cigüeñal
6

Einzylinderkurbelwelle (f)
single throw crank shaft
arbre-manivelle (m) pour un cylindre *ou* de moteur monocylindrique

колѣнный валъ (m) одноцилиндроваго двигателя; колѣнчатый валъ одноцилиндроваго мотора
albero (m) a manovella per motore monocilindrico
árbol-manivela (m) *ó* árbol (m) cigüeñal para un cilindro
7

Zweizylinderkurbelwelle (f)
double throw crank shaft
arbre (m) coudé *ou* arbre-manivelle (m) pour deux cylindres, vilebrequin (m)

колѣнный валъ (m) двухцилиндроваго двигателя; колѣнчатый валъ двухцилиндроваго мотора
albero (m) a manovelle per motore a due cilindri
árbol-manivela (m) *ó* árbol (m) cigüeñal para dos cilindros
8



Gegengewicht (n)
counter *or* balance weight
contrepoids (m)

противовѣсъ (m)
contrappeso (m)
contrapeso (m)
9

a

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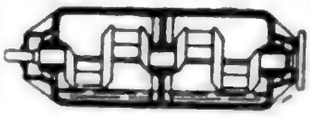
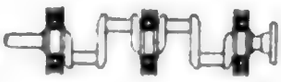
1	Schwungradlager (n) flywheel bearing palier (m) [de l'arbre] du volant	b	подшипникъ (m) маховика *или* махового колеса sopporto (m) del volano *o* volante soporte (m) del [eje del] volante
2	Kurbelwellenflansch (m) crank shaft flange bride (f) de vilebrequin	c	фланецъ (m) колѣнчатаго вала flangia (f) dell'albero a manovella brida (f) del eje *ó* del árbol cigüeñal
3	Vierzylinderkurbelwelle (f) mit drei Lagern four throw crank shaft with three bearings arbre (m) coudé *ou* vilebrequin (m) pour quatre cylindres à trois paliers		колѣнный валъ (m) четырёхцилиндроваго двигателя; колѣнчатый валъ четырехцилиндроваго мотора съ тремя подшипниками albero (m) a manovelle a tre sopporti per motore a quattro cilindri árbol-manivela (m) *ó* árbol (m) cigüeñal de tres soportes para cuatro cilindros
4	Kurbelwelle (f) in Gleitlagern crank shaft with plain bearings vilebrequin (m) *ou* arbre-manivelle (m) à paliers de roulement lisse		колѣнный валъ (m) въ обыкновенныхъ подшипникахъ; колѣнчатый валъ въ подшипникахъ со скользящимъ треніемъ albero (m) a manovelle montato in sopporti di scorrimento árbol-manivela (m) *ó* árbol (m) cigüeñal montado sobre cojinetes de rodamiento liso
5	Kurbelwelle (f) in Kugellagern crank shaft with ball bearings arbre-manivelle (m) *ou* arbre (m) coudé *ou* vilebrequin (m) avec palier à billes		колѣнный *или* колѣнчатый валъ (m) на шариковыхъ подшипникахъ albero (m) a manovelle montato in sopporti a sfere árbol-manivela (m) *ó* árbol (m) cigüeñal montado sobre cojinetes de bolas
6	Kurbelkröpfung (f) crank coude (m) de manivelle, coude (m) de vilebrequin		колѣно (n) вала gomito (m) di manovella codo (m) de manivela

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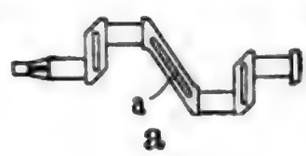
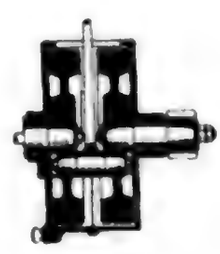
Kurbelzapfen (m) crank pin bouton (m) *ou* tourillon (m) d'arbre-manivelle, maneton (m)	 a	палецъ (m) *или* цапфа (f) кривошипа; мотылёвая шейка (f) perno (m) *o* bottone (m) della manovella muñón (m) de la manivela, botón (m) de una manivela [frontal]	*1*
durchbohrter Kurbelzapfen (m) hollow crank pin bouton (m) de manivelle évidé *ou* creux	a	просверленный палецъ (m) *или* просверленная цапфа (f) кривошипа; просверленная мотылёвая шейка (f) bottone (m) cavo della manovella muñón (m) hueco de la manivela	*2*
Kurbelarm (m) crank web flasque (m) d'arbre-manivelle	b	плечо (n) кривошипа braccio (m) *o* corpo (m) della manovella brazo (m) de la manivela *ó* del árbol cigüeñal	*3*
gerader Kurbelarm (m) straight crank web flasque (m) d'arbre-manivelle droit		прямое плечо (n) кривошипа braccio (m) diritto della manovella brazo (m) derecho de la manivela *ó* del árbol cigüeñal	*4*
schräger Kurbelarm (m) oblique crank web flasque (m) d'arbre-manivelle oblique	 a	косое плечо (n) кривошипа braccio (m) inclinato della manovella brazo (m) inclinado de la manivela, brazo (m) oblicuo del árbol cigüeñal	*5*
ausgefräster Kurbelarm (m) crank web milled out flasque (m) d'arbre-manivelle fraisé	a	фрез[ир]ованное *или* вышарошенное плечо (n) кривошипа braccio (m) della manovella fresato brazo (m) de la manivela fresado, brazo (m) fresado del árbol cigüeñal	*6*
Kurbel[schwung]-scheibe (f) balance weight volant (m) d'arbre coudé *ou* de vilebrequin		маховикъ (m) колѣннаго *или* колѣнчатаго вала disco (m) a volano di manovella disco-volante (m) de manivela *ó* de árbol cigüeñal	*7*
Lagerstelle (f) point *or* position of bearing point (m) d'appui		точка (f) опоры punto (m) d'appoggio punto (m) de apoyo	*8*

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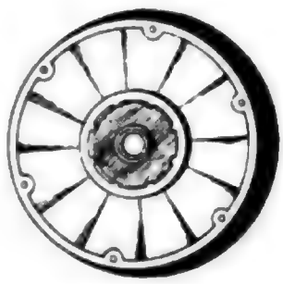
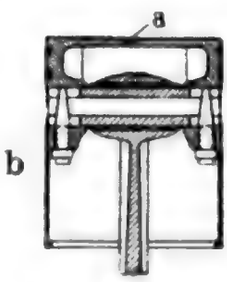
1	Mittellager (n) middle *or* central bearing palier (m) intermédiaire	средній подшипникъ (m) sopporto (m) intermedio soporte (m) intermedio
2	Kurbelwellenkegel (m), Kurbelwellenkonus (m) coned end of crank shaft cône (m) d'assemblage de l'arbre et du coude de vilebrequin	конусъ (m) колѣннаго *или* колѣнчатаго вала cono (m) *o* parte (f) estrema conica dell'albero a manovella cono (m) de unión del codo del árbol cigüeñal
3	Schwungrad (n) flywheel volant (m)	маховикъ (m); маховое колесо (n) volano (m), volante (m) volante (m)
4	geschlossenes Schwungrad (n), Schwungscheibe (f) disc flywheel plateau (m) *ou* disque (m) plein de volant	сплошной маховикъ (m); сплошное маховое колесо (n) volano (m) pieno volante-disco (m), volante (m) macizo
5	Ventilatorschwungrad (n) fan flywheel volant-ventilateur (m)	маховикъ (m)-вентиляторъ (m) volano (m) di ventilazione, volante-ventilatore (m) volante-ventilador (m)
6	Pleuelstange (f), Schubstange (f) connecting rod bielle (f)	шатунъ (m) biella (f) biela (f)
7	Pleuelstangenschaft (m) body of connecting rod corps (m) de bielle	стержень (m) шатуна corpo (m) della biella cuerpo (m) de la biela
8	Pleuelstangenkopf (m) small *or* top end of connecting rod petite tête (f) de bielle, pied (m) de bielle	головка (f) шатуна testa (f) di biella pie (m) *ó* extremo (m) de la biela
9	Pleuelstangenlager (n) connecting rod big *or* bottom end bearing coussinet (m) de tête de bielle	подшипникъ (m) шатуна cuscinetto (m) del piede di biella cojinete (m) de la cabeza de biela
10	Kolben (m) piston piston (m)	поршень (m) stantuffo (m) émbolo (m)



a

b

c



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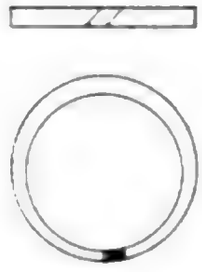
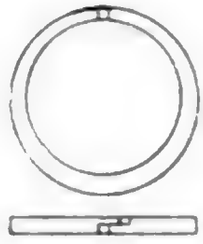
Kolbenboden (m) top of piston plateau (m) de piston, fond (m) de piston creux	a	днище (n) поршня fondo (m) dello stantuffo fondo (m) del émbolo hueco	1
Kolbenmantel (m) body of piston corps (m) de piston	b	тѣло (n) поршня parte (f) cilindrica dello stantuffo cuerpo (m) del émbolo	2
Kolbenlauffläche (f) guide surface of piston surface (f) frottante de piston		рабочая поверхность (f) поршня; трущаяся поверхность поршня superficie (f) di scorrimento dello stantuffo superficie (f) de rozamiento del émbolo	3
Ölnase (f) oil drip, oil catcher to drip oil on gudgeon pin mentonnet (m) lubrificateur	 a	выступъ (m) для распредѣленія масла въ поршнѣ sporto (m) per lubrificazione nervio (m) de engrase	4
Kolbenring (m) piston ring segment (m) de piston, anneau (m) de garniture		поршневое кольцо (n) anello (m) da stantuffo, anello (m) di ritenuta segmento (m) de émbolo	5
exzentrisch gedrehter Kolbenring (m) eccentrically turned piston ring anneau (m) de garniture *ou* segment (m) de piston tourné excentriquement		эксцентрично точённое поршневое кольцо (n) anello (m) da stantuffo eccentrico segmento (m) de émbolo excéntrico	6
Kolbenring (m) mit schrägem Schlitz piston ring with oblique cut segment (m) de piston à coupure *ou* fente oblique		поршневое кольцо (n) съ косымъ замкомъ anello (m) da stantuffo con taglio obliquo segmento (m) de émbolo de junta oblicua	7
überlappter Kolbenring (m), Kolbenring (m) mit gezahntem Schnitt piston ring with stepped joint *or* halved *or* checked cut segment (m) de piston à coupure dentée *ou* à joint de recouvrement		поршневое кольцо (n) въ напускъ *или* въ нахлёстку; поршневое кольцо съ замкомъ въ напускъ anello (m) da stantuffo con taglio a scalino segmento (m) de émbolo de junta con recubrimiento	8
Kolbenringspannung (f) pressure of a piston ring pression (f) [sur le cylindre] d'un segment *ou* anneau de garniture		давленіе (n) поршневого кольца [на цилиндръ] tensione (f) dell'anello da stantuffo presión (f) del segmento del émbolo (sobre el cilindro)	9

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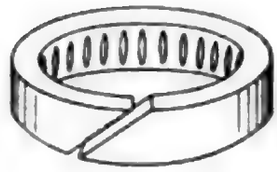
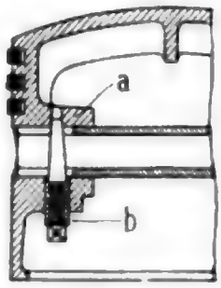
gehämmerter Kolbenring (m) 1 hammered piston ring segment (m) de piston martelé		кованное поршневое кольцо (n) подъ молотокъ anello (m) martellato da stantuffo segmento (m) de émbolo martillado
Kolbenringsicherung (f) 2 piston ring lock arrêtoir (m) de piston	 a	укрѣпленіе (n) поршневого кольца chiusura (f) dell'anello detentor (m) del segmento
Kolbenbolzen (m) 3 piston pin axe (m) *ou* tourillon (m) de piston		поршневой болтъ (m) *или* палецъ (m) perno (m) *o* spinotto (m) dello stantuffo perno (m) del émbolo
Kolbenbolzenlager (n), Kolbenbolzenauge (n) 4 gudgeon pin bearing coussinet (m) de l'axe du pied *ou* de la petite tête de bielle	 a	подшипникъ (m) поршневого болта *или* пальца cuscinetto (m) *o* boccola (f) del perno dello stantuffo cojinete (m) del perno de la cabeza pequeña *ó* del pie de la biela
Kolbenbolzenschraube (f) 5 gudgeon pin set screw vis (f) d'attache de l'axe du pied de bielle	b	стопорный болтъ (m) поршневого пальца vite (f) del perno dello stantuffo pasador (m) del perno de la cabeza pequeña de la biela
Ventilsteuerung (f) 6 valve gear distribution (f) à soupapes		клапанное распредѣленіе (n) distribuzione (f) a valvola distribución (f) por válvulas
Steuerwelle (f) 7 cam shaft arbre (m) de distribution		распредѣлительный валъ (m) albero (m) di distribuzione árbol (m) *ó* eje (m) de distribución
Nockenwelle (f) 8 cam shaft arbre (m) à cames		кулачный *или* кулачковый валъ (m) albero (m) a eccentrici *o* di distribuzione árbol (m) de levas
Einlaßsteuerwelle (f) 9 admission cam shaft arbre (m) de distribution de l'admission		распредѣлительный валъ (m) впуска albero (m) di distribuzione dell'ammissione árbol (m) de distribución de la admisión

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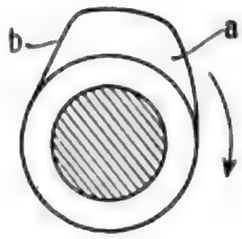
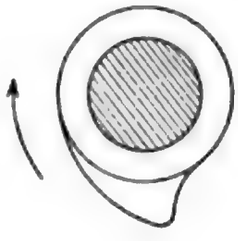
Auslaßsteuerwelle (f) exhaust cam shaft arbre (m) de distribution de l'échappement		распредѣлительный валъ (m) выпуска albero (m) di distribuzione dello scappamento árbol (m) de distribución del escape	1
verschiebbare Nockenwelle (f) shifting cam shaft arbre (m) à cames baladeur		переставной кулачный *или* кулачковый валъ (m) albero (m) a eccentrici spostabile árbol (m) de levas desplazable	2
Nocken (m) cam came (f)		кулакъ (m) eccentrico (m) leva (f)	3
Hubseite (f) *oder* Anlaufseite (f) des Nockens leading edge *or* rising curve of the cam côté (m) de la came pour la levée [des tiges]	a	подъёмная сторона (f) кулака; сторона набѣганія кулака parte (f) di apertura *o* di alzata dell'eccentrico lado (m) de la leva para el levantamiento de los vástagos	4
Ablaufseite (f) des Nockens trailing edge of cam côté (m) de la descente [des tiges]	b	сторона (f) сбѣганія кулака parte (f) di chiusura *o* di caduta dell'eccentrico lado (m) del descenso de los vástagos	5
Nockenscheibe (f), Steuernocken (m) cam disque (m) à cames, disque (m) distributeur		кулачный *или* кулачковый дискъ (m) disco (m) ad eccentrici, disco (m) di distribuzione disco (m) de levas, disco (m) distribuidor	6
Einlaßnocken (m) admission cam came (f) [de la commande] d'admission		впускной кулакъ (m); кулакъ впуска eccentrico (m) di ammissione leva (f) de admisión	7
Auslaßnocken (m) exhaust cam came (f) [de la commande] d'échappement		выпускной кулакъ (m); кулакъ выпуска eccentrico (m) di scappamento leva (f) de escape	8
Zündnocken (m) ignition cam came (f) [de la commande] d'allumage		кулакъ (m) запала *или* воспламененія *или* зажиганія eccentrico (m) di accensione leva (f) de encendido	9

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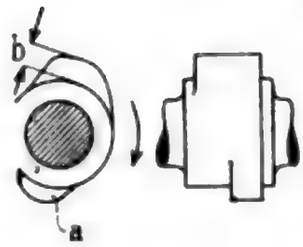
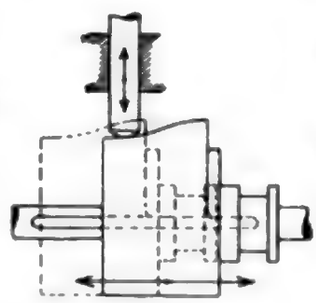
1	aus einem Stück mit der Welle gefräster Nocken (m) cam milled out of the solid came (f) et arbre (m) d'une seule pièce obtenus par fraisage		кулакъ (m), фрез[ир]ованный *или* вышарошенный въ одно цѣлое съ валомъ eccentrico (m) ed albero (m) fresati in un sol pezzo leva (f) y árbol (m) fresados en una pieza
2	Nocken (m) für Kompressionsverminderung, Dekompressionsnocken (m) half compression cam came (f) [de la commande] du décompresseur	a	кулакъ (m) для уменьшенія сжатія eccentrico (m) per la riduzione della compressione, eccentrico (m) del decompressore leva (f) de mando del decompresor
3	Nockenhub (m) lift of cam levée (f) de la came	b	подъёмъ (m) кулака; ходъ (m) кулака corsa (f) dell'eccentrico carrera (f) *ó* levantamiento (m) de la leva
4	schräger Nocken (m), Nocken (m) mit veränderlicher Hubhöhe cam with variable lift came (f) à levée variable *ou* pour la modification de la levée des soupapes		кулакъ (m), позволяющій мѣнять ходъ клапана eccentrico (m) a corsa variabile leva (f) para levantamiento variable
5	verschiebbarer Nocken (m) sliding cam came (f) à déplacement		передвижной кулакъ (m) eccentrico (m) mobile leva (f) desplazable
6	verstellbarer Nocken (m) adjustable cam came (f) réglable		переставной *или* регулируемый кулакъ (m) eccentrico (m) regolabile leva (f) regulable *ó* graduable
7	aufgekeilter Nocken (m) cam keyed-on came (f) clavetée [sur l'arbre]		заклинённый кулакъ (m) eccentrico (m) imbiettato leva (f) acuñada *ó* fijada por chaveta
8	Nockengrundkreis (m) cam circle cercle (m) primitif de came	a	начальная окружность (f) кулака circolo (m) primitivo dell'eccentrico circulo (m) primitivo de la leva
9	Exzenter (n) eccentric excentrique (m)		эксцентрикъ (m) eccentrico (m) excéntrica (f)

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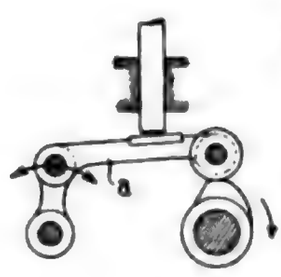
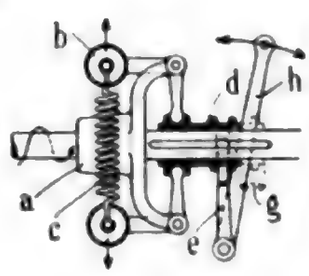
Ventilstößel (m) valve tappet *or* plunger tige-poussoir (f) de soupape		подталкиватель (m) *или* толкатель (m) клапана palmola (f) d'urto (per l'alzata della valvola), punteria (f) varilla (f) de levantamiento de la válvula	*1*
Stößelschaft (m) tappet stem tige-poussoir (f)	a	стержень (m) подталкивателя *или* толкателя asta (f) della palmola, asta (f) della punteria varilla (f) de levantamiento	*2*
Stößelführung (f) valve *or* tappet guide guide (m) de tige-poussoir	b	направляющая (f) подталкивателя *или* толкателя guida (f) della palmola, guida (f) della punteria guía (f) de la varilla de levantamiento	*3*
Führungsnut (f) guide slot rainure (f) de guidage		направляющій жёлобъ (m); направляющая проборка (f) scanalatura (f) di guida ranura (f) de guía	*4*
Stößelrolle (f) valve plunger *or* tappet roller galet (m) [de guidage] de tige-poussoir	c	роликъ (m) подталкивателя *или* толкателя rotella (f) dell'asta della punteria ruedecilla (f) [de guía] de la varilla de levantamiento	*5*
Stößelbolzen (m) valve plunger *or* tappet head bolt vis (f) de tige-poussoir		болтъ (m) подталкивателя *или* толкателя bullone (m) della palmola tornillo (m) de la varilla de levantamiento	*6*
Stößelverstellung (f) adjustment of valve tappet *or* plunger commande (f) de tige-poussoir		перестановка (f) *или* регулировка (f) подталкивателя *или* толкателя comando (m) della punteria mando (m) de la varilla de levantamiento	*7*
Schleifhebel (m), Nockenhebel (m) sliding lever levier (m) glissant sur came, levier (m) à frotteur	a	скользящій рычагъ (m) leva (f) a scorrimento, leva (f) dell'eccentrico palanca (f) deslizando sobre la uña	*8*
Regler (m), Regulator (m) governor régulateur (m)		регуляторъ (m) regolatore (m) regulador (m)	*9*

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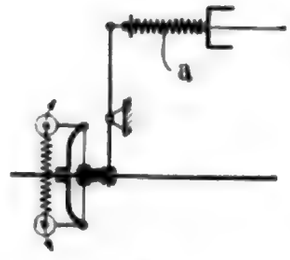
1	Fliehkraftregler (m) centrifugal governor régulateur (m) à force centrifuge		центробѣжный регуляторъ (m) regolatore (m) centrifugo regulador (m) centrifugo
2	Reglernabe (f) governor hub, hub moyeu (m) du régulateur	a	ступица (f) регулятора mozzo (m) del regolatore cubo (m) del regulador
3	Regler[schwung]-gewicht (n) governor weight boule (f) *ou* poids (m) du régulateur	b	грузъ (m) регулятора peso (m) del regolatore masa (f) del regulador
4	Reglerfeder (f) governor spring ressort (m) du régulateur	c	пружина (f) регулятора molla (f) del regolatore resorte (m) *ó* muelle (m) del regulador
5	Reglermuffe (f) governor sleeve manchon (m) du régulateur	d	муфта (f) регулятора manicotto (m) del regolatore manguito (m) del regulador
6	Reglergabel (f) governor fork fourche (f) du régulateur	e	вилка (f) регулятора forchetta (f) del regolatore horquilla (f) del regulador
7	Verstellungsweg (m) der Muffe travel of sleeve course (f) *ou* déplacement (m) du manchon	g	ходъ (m) *или* перемѣщеніе (n) муфты corsa (f) di spostamento del manicotto carrera (f) *ó* desplazamiento (m) del regulador
8	Reglerhebel (m) governor arm *or* lever levier (m) du régulateur	h	рычагъ (m) регулятора leva (f) del regolatore palanca (f) del regulador
9	Reglergestänge (n) governor rods tiges (f pl) *ou* tringles (f pl) du régulateur		система (f) рычаговъ регулятора aste (f pl) per la regolazione varillas (f pl) y palancas (f pl) del regulador
10	Reglerzusatzfeder (f) auxiliary governor spring ressort (m) auxiliaire du régulateur	 a	дополнительная *или* добавочная пружина (f) регулятора molla (f) addizionale del regolatore muelle (m) adicional del regulador
11	Ungleichförmigkeitsgrad (m) degree of irregularity degré (m) *ou* coefficient (m) d'irrégularité (du régulateur)		степень (f) неравномѣрности grado (m) d'irregolarità grado (m) *ó* coeficiente (m) de irregularidad (del regulador)

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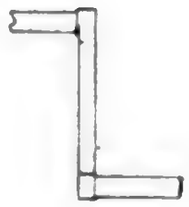
astatischer Regler (m)
astatic governor
régulateur (m) astatique

астатическій регуляторъ (m)
regolatore (m) astatico 1
regulador (m) astático

Andrehkurbel (f)
starting handle
manivelle (f) de démarrage



рукоятка (f) для пуска въ ходъ; пусковая рукоятка
manovella (f) d'avviamento *o* d'incamminamento 2
manivela (f) de arranque

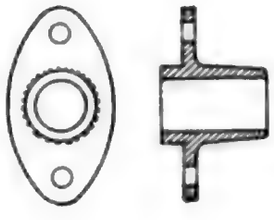
Andrehklaue (f)
clutch for starting handle
griffe (f) [d'enclanchement] de démarreur

пусковая лапка (f); пусковой храповикъ (m)
giunto (m) a denti per l'avviamento 3
garra (f) de embrague del aparato de arranque

Andrehbolzen (m)
clutch spindle of starting handle
cheville (f) de manivelle de démarreur

пусковой болтъ (m); пусковая цапфа (f)
bullone (m) d'avviamento 4
tornillo (m) de arranque

Andrehkurbellager (n)
starting handle bearing
support (m) de la manivelle de démarreur



подшипникъ (m) пусковой рукоятки
sopporto (m) della manovella d'avviamento 5
soporte (m) de la manivela de arranque

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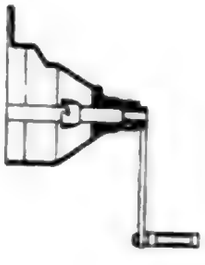
am Motorgehäuse gelagerte Andrehkurbel (f)
starting handle attached to engine case
manivelle (f) de démarreur à coussinet dans le carter du moteur



пусковая рукоятка (f), укрѣплённая въ картерѣ *или* въ кожухѣ двигателя
manovella (f) d'avviamento sopportata dalla base del motore 6
manivela (f) de arranque colocada en la caja del motor

Druckluftanlaßvorrichtung (f)
pneumatic starting device
démarreur (m) à air comprimé *ou* par jet d'air dans le cylindre

приспособленіе (n) для пуска въ ходъ сжатымъ воздухомъ
apparecchio (m) d'avviamento ad aria compressa 7
aparato (m) de arranque por aire comprimido

Druckverteilungshahn (m)
compressed air distribution cock
robinet (m) d'air comprimé à plusieurs voies

кранъ (m) для распредѣленія давленія сжатаго воздуха
robinetto (m) di distribuzione dell'aria 8
grifo (m) de distribución del aire

Luftverdichter (m), Luftkompressor (m)
air compressor
compresseur (m)

[воздушный] компрессоръ (m)
compressore (m) d'aria 9
compresor (m) de aire

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1	Anlaßventil (n) starting valve soupape (f) de démarrage	пусковой клапанъ (m) valvola (f) d'avviamento válvula (f) de arranque
2	Anlaßhebel (m) starting lever levier (m) de démarrage	пусковой рычагъ (m) leva (f) d'avviamento palanca (f) de arranque

	Vergaser	**Карбураторы**
3	**Carburettors**	**Carburatori**
	Carburateurs	**Carburadores**
4	Vergaser (m), Karburator (m) carburettor, vaporizer carburateur (m)	карбураторъ (m); карбюраторъ (m); испаритель (m) carburatore (m) carburador (m)
5	Vergasung (f) carburation, vaporisation carburation (f)	карбурація (f) carburazione (f) carburación (f)
6	vollständige (unvollständige) Vergasung (f) complete (partial) vaporisation carburation (f) complète (incomplète)	полная (неполная) карбурація (f) carburazione (f) completa (incompleta) *o* perfetta (imperfetta) carburación (f) completa (incompleta)
7	vergasen (v) to vaporise carburer (v)	карбурировать; испарять carburare (v) carburar (v)
8	selbsttätiger Vergaser (m) automatic carburettor carburateur (m) automatique	автоматическій карбураторъ (m) carburatore (m) automatico carburador (m) automático
9	Gaserzeuger (m) gas generator gazogène (m)	газообразователь (m); газогенераторъ (m) gasogeno (m) gasógeno (m)
10	Verdunstung (f) evaporation, volatilisation évaporation (f), volatilisation (f)	испареніе (n) evaporazione (f) evaporación (f), volatilización (f)
11	verdunsten (v) to evaporate, to volatilise évaporer (v), s'évaporer (v)	испар-иться (-яться) evaporare (v), evaporarsi (v) evaporar[se] (v)
12	Öldampf (m) oil vapour vapeur (f) d'huile	масляный паръ (m) vapore (m) d'olio vapor (m) de aceite

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Benzindampf (m) petrol *or* gasoline (A) vapour vapeur (f) d'essence	бензинные пары (m pl) vapore (m) di benzina vapor (m) de esencia *ó* de bencina	*1*
Verdampfer (m) vaporiser, carburettor carburateur (m) par évaporation	испаритель (m); карбураторъ (m) carburatore (m), gaseificatore (m) carburador (m) por evaporación	*2*
verdampfen (v) to vaporize, to evaporate évaporer (v), gazéifier (v)	испар-ить (-ять); превращать въ паръ evaporare (v) vaporizar (v)	*3*
gasförmiger Zustand (m) gaseous state état (m) gazeux	газообразное состояніе (n) stato (m) gasoso *o* gaseiforme estado (m) gaseoso	*4*
in gasförmigen Zustand überführen (v) to convert to the gaseous state gazéifier (v), faire (v) passer à l'état gazeux	обратить въ газообразное состояніе far (v) passare allo stato gasoso *o* gaseiforme transformar (v) en gas	*5*
sich niederschlagen (v), kondensieren (v) to condense se condenser (v)	осаждаться; конденсироваться condensarsi (v) condensarse (v)	*6*
flüssiger Aggregatzustand (m) liquid state état (m) liquide	жидкое состояніе (n) stato (m) liquido estado (m) liquido	*7*
Strömung (f) current, flow, stream courant (m) (gazeux), flux (m)	теченіе (n); потокъ (m) corrente (f), flusso (m) corriente (f) (gaseosa)	*8*
Ansauggeschwindigkeit (f) inductional velocity, velocity of inlet gases (velocity of gas due to suction) vitesse (f) d'aspiration, vitesse (f) dans le tuyau d'aspiration	скорость (f) всасыванія velocità (f) d'aspirazione, velocità (f) nel tubo d'aspirazione velocidad (f) de aspiración	*9*
Strömungsgeschwindigkeit (f) rate of flow vitesse (f) du courant	скорость (f) теченія; скорость потока velocità (f) della corrente velocidad (f) de la corriente	*10*
Strömungsrichtung (f) direction of flow direction (f) du courant	направленіе (n) теченія; направленіе потока senso (m) della corrente sentido (m) *ó* dirección (f) de la corriente	*11*

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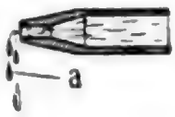
1	Richtungsänderung (f) change of direction changement (m) de direction	измѣненіе (n) направленія cambiamento (m) di direzione cambio (m) de dirección
2	Wirbelung (f) *oder* Wirbel (m) des Gemisches formation of eddies in the mixture remous (m) *ou* tourbillonnement (m) du mélange	вихревое движеніе (n) смѣси movimento (m) vorticoso della miscela remolino (m) de la mezcla
3	strömen (v) to flow couler (v), s'écouler (v)	течь effluire (v) correr (v)
4	mitreißen (v) to carry along with, to draw with entrainer (v)	увлекать съ собой trascinare (v) arrastrar (v)
5	Tropfen (m) drop goutte (f)	капля (f) goccia (f), gocciola (f) gota (f)
6	Nebel (m) vapour brouillard (m)	туманъ (m) nebbia (f) niebla (f), vapores (m pl)
7	nebelförmig (adj) vapourous vaporeux (adj)	туманный; въ видѣ тумана in forma di nebbia vaporoso (adj)
8	Ausflußzahl (f) coefficient of flow *or* coefficient of velocity at orifice *or* jet coefficient (m) de vitesse d'écoulement	коеффиціентъ (m) истеченія coefficiente (m) d'efflusso coeficiente (m) de velocidad de escape
9	Reibungszahl (f) coefficient of friction coefficient (m) de frottement	коеффиціентъ (m) тренія coefficiente (m) d'attrito coeficiente (m) de rozamiento
10	innere Flüssigkeitsreibung (f) internal friction of liquid frottement (m) intérieur du liquide	внутреннее треніе (n) жидкости attrito (m) interno del liquido rozamiento (m) interior del liquido
11	Druck (m) pressure pression (f)	давленіе (n) pressione (f) presión (f)



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Druckgefälle (n) pressure gradient chute (f) de pression	паденіе (n) давленія caduta (f) di pressione pérdida (f) de presión	1
Druckunterschied (m), Druckdifferenz (f) difference of pressure différence (f) de pression	разность (f) давленій differenza (f) di pressione diferencia (f) de presión	2
Überdruck (m) pressure above atmospheric pression (f) (supérieure à la pression atmosphérique)	давленіе (n) сверхъ атмосфернаго pressione (f) (sopra l'atmosfera) exceso (m) de presión (sobre la presión atmosférica)	3
Unterdruck (m) partial vacuum, pressure below atmospheric dépression (f), pression (f) inférieure à la pression atmosphérique	разрѣженіе (n); давленіе (n) ниже атмосфернаго depressione (f) depresión (f), presión (f) inferior á la presión atmosférica	4
Luft (f) air air (m)	воздухъ (m) aria (f) aire (m)	5
Hauptluft (f), Primärluft (f) main *or* primary air quantité (f) d'air normale	основное количество (n) воздуха aria (f) dell'ambiente cantidad (f) de aire normal	6
Nebenluft (f), Zusatzluft (f) auxiliary *or* supplementary air air (m) additionnel	добавочный *или* дополнительный воздухъ (m) aria (f) addizionale *o* supplementare aire (m) adicional	7
Luftmenge (f) volume of air quantité (f) d'air	количество (n) воздуха quantità (f) d'aria cantidad (f) de aire	8
Gasmenge (f) volume of gas quantité (f) de gaz	количество (n) газа quantità (f) di gas cantidad (f) de gas	9
Sauerstoff (m) oxygen oxygène (m)	кислородъ ossigeno (m) oxigeno (m)	10
Gasgemisch (n), Gasgemenge (n) gas mixture mélange (m) gazeux	смѣсь (f) газа miscela (f) di gas, miscuglio (m) gasoso mezcla (f) de gas	11
mischen (v) to mix mélanger (v)	смѣшивать mescolare (v) mezclar (v)	12
Gemischzusammensetzung (f) composition of mixture composition (f) du mélange, dosage (m) du mélange	составъ (m) смѣси composizione (f) della miscela composición (f) de la mezcla	13

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1	Explosionsgrenzen (f pl) eines Gasgemisches combustion *or* explosive limits of mixture limites (f pl) d'explosibilité d'un mélange gazeux	предѣлы (m pl) воспламеняемости газовой смѣси limiti (m pl) di scoppio d'una miscela gasosa límites (m pl) de explosibilidad de una mezcla
2	Explosionsbereich (m) range of explosive mixture portée (f) de l'explosion	область (f) взрыва; сфера (f) взрыва portata (f) dell'esplosione alcance (m) de la explosión
3	brennbares Gasgemisch (n) combustible *or* inflammable mixture mélange (m) gazeux combustible *ou* explosible	горючая газовая смѣсь (f) miscela (f) gasosa combustibile *o* esplosiva mezcla (f) combustible
4	[gas]reiches Gemisch (n) rich mixture mélange (m) riche	смѣсь (f), богатая газомъ miscela (f) ricca (di gas) mezcla (f) rica en gases combustibles
5	[gas]armes Gemisch (n) poor *or* weak mixture mélange (m) pauvre	смѣсь(f),бѣдная газомъ miscela (f) povera (di gas) mezcla (f) pobre de gases combustibles
6	Gemischeinstellung (f) adjustment of mixture réglage (m) du mélange	установка (f) *или* регулировка (f) смѣси regolazione (f) della miscela regulación (f) de la mezcla
7	Wassergehalt (m) einer Gasmenge percentage of water in gas teneur (f) en eau d'une masse gazeuse	количество (n) воды въ газовой смѣси tenore (m) d'acqua *o* quantità (f) d'acqua contenuta in una massa gasosa cantidad (f) de agua en una mezcla gaseosa
8	[Verbrennungs-]Rückstände (m pl) residual, deposit résidus (m pl) de combustion	продукты (m pl) горѣнія; продукты сгоранія residui (m pl) della combustione residuos (m pl) de la combustión
9	Wärmekapazität (f) heat capacity capacité (f) thermique *ou* calorifique	теплоёмкость (f) capacità (f) termica *o* calorifica capacidad (f) térmica *ó* calorífica
10	Niederschlag (m) deposit, condensation dépôt (m) condensé	осадокъ (m); осажденіе (n) deposito (m) condensato depósito (m) condensado

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Saugwiderstand (m) resistance to suction, frictional resistance in suction pipes résistance (f) à l'aspiration	сопротивленіе (n) всасыванію resistenza (f) all'aspirazione resistencia (f) á la aspiración	1
Belastung[s]schwankung (f) von Volllast bis Leerlauf service fluctuation between full load and no load fluctuation (f) dans le fonctionnement de la pleine charge à vide	колебаніе (n) нагрузки отъ полной нагрузки до холостого хода variazione (f) di funzionamento *o* della marcia da pieno carico a vuoto fluctuación (f) del funcionamiento de plena carga hasta el vacío	2
der Vergaser reguliert elastisch (unelastisch) the carburettor regulates (does not regulate) flexibly le carburateur est souple (n'est pas souple)	карбураторъ (m) слѣдуетъ чутко (не слѣдуетъ чутко) измѣненію нагрузки il carburatore funziona *o* non funziona elasticamente el carburador (no) se regula fácilmente	3
Lufttemperatur (f) temperature of the air température (f) de l'air	температура (f) воздуха temperatura (f) dell'aria temperatura (f) del aire	4
Luftdruck (m) air pressure pression (f) de l'air	давленіе (n) воздуха pressione (f) dell'aria presión (f) del aire	5
Feuchtigkeit (f) der Luft humidity of the air humidité (f) de l'air	влажность (f) воздуха umidità (f) dell'aria humedad (f) del aire	6
Verschmutzung (f) des Vergasers choking of the carburettor encrassement (m) du carburateur	засореніе (n) карбуратора insudiciamento (m) del carburatore enlodamiento (m) del carburador	7
Einfrieren (n) des Vergasers freezing of the carburettor congélation (f) du carburateur	замерзаніе (n) карбуратора congelamento (m) del carburatore congelación (f) del carburador	8
zugänglich (adj) accessible accessible (adj)	доступный accessibile (agg) accesible (adj)	9

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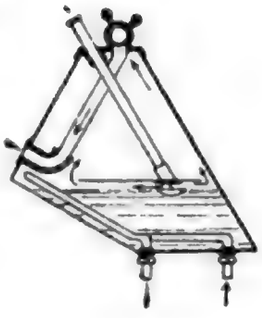
Oberflächenvergaser (m) [Karburator bei dem die Luft über den Flüssigkeitsspiegel hinweggeführt wird]
1 surface carburettor [a carburettor in which the air is passed over the surface of the liquid]
carburateur (m) à léchage



карбураторъ (m) съ испареніемъ [воздухъ проводится надъ поверхностью жидкости]
carburatore (m) a superficie evaporante
carburador (m) de evaporación

Tauchrohrvergaser (m) [Karburator, bei dem die Luft durch die Flüssigkeit hindurchgeführt wird]
2 carburettor in which the air is passed through the liquid
carburateur (m) à barbotage

карбураторъ (m) съ испареніемъ [воздухъ проходитъ черезъ жидкость]
carburatore (m) a gorgoglio
carburador (m) de barboteo (de introducción del aire en la gasolina)

Berührungsfläche (f)
3 contact surface
surface (f) de contact

поверхность (f) соприкосновенія
superficie (f) di contatto
superficie (m) de contacto

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luftbespülte Fläche (f)
4 surface exposed to the air
surface (f) léchée par l'air

поверхность (f), омываемая воздухомъ: поверхность, соприкасающаяся съ воздухомъ
superficie (f) lambita dall'aria
superficie (f) lamida por el aire

Saugplatte (f)
5 suction plate *or* disc
plaque (f) aspirante

всасывающая мембрана (f)
piastra (f) d'aspirazione
placa (f) de aspiración

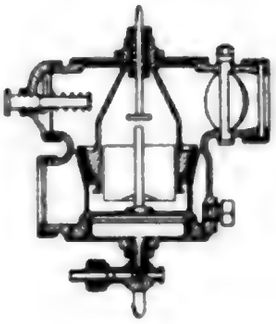
Benzinstand (m)
6 level of petrol
niveau (m) de l'essence

уровень (m) бензина
livello (m) della benzina
nivel (m) de la esencia

Siebeinsatz (m) gegen Rückschläge in den Vergaser
7 wire gauge diaphragm to prevent back firing
tissu (m) métallique contre les retours de flamme

вставная сѣтка (f) противъ возвратныхъ вспышекъ въ карбураторъ
tessuto (m) metallico contro il ritorno di fiamma
tela (f) metálica contra el retorno de la llama

Dochtvergaser (m)
8 wick carburettor
carburateur (m) à mèche



фитильный карбураторъ (m)
carburatore (m) a stoppino
carburador (m) de mecha

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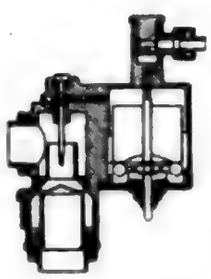
Verdunstungsfläche (f) vaporising surface surface (f) d'évaporation	поверхность (f) испаренія superficie (f) d'evaporazione *o* evaporante superficie (f) de evaporación	*1*
Baumwolle (f) cotton coton (m)	хлоцчатая бумага (f) cotone (m) algodón (m)	*2*
Dochtwolle (f) wick yarn coton (m) pour mèches	пряжа (f) для фитилей cotone (m) da lucignoli algodón(m) para mechas	*3*
Haar (n) hair poil (m)	волосъ (m); шерсть (f) pelo (m) pelo (m)	*4*
Kieselgur (f), Infusorienerde (f) kieselguhr tripoli (m), farine (f) fossile, terre (f) d'infusoires	инфузорная земля (f); кизельгуръ (m) farina (f) fossile harina (f) fósil, tierra (f) infusoria	*5*
Kapillarwirkung (f) des Dochtes capillarity of the wick, capillary action of the wick action (f) capillaire *ou* capillarité (f) de la mèche	капиллярное дѣйствіе (n) *или* волосное дѣйствіе фитиля azione (f) capillare del lucignolo capilaridad (f) de la mecha	*6*
Runddocht (m) circular wick mèche (f) ronde	круглый фитиль (m) lucignolo (m) tondo mecha (f) redonda	*7*
Einspritzvergaser (m), Spritzvergaser (m), Zerstäubungsvergaser (m) spray carburettor carburateur (m) à pulvérisation	пульверизаціонный *или* впрыскивающій карбураторъ (m) carburatore (m) ad iniettore *od* a zampillo carburador (m) de pulverización	*8*
Düsenvergaser (m) spray *or* jet carburettor carburateur(m) à gicleur *ou* à ajutage	карбураторъ (m) съ сопломъ *или* съ форсункой carburatore (m) ad ugelli carburador (m) de tubito *ó* de inyector	*9*
Zerstäubung (f) atomisation pulvérisation (f)	распыленіе (n) polverizzazione (f) pulverización (f)	*10*
zerstäuben (v) to atomise pulvériser (v)	распыл-ять (-ивать) polverizzare (v) pulverizar (v)	*11*
Strahl (m) stream, jet jet (m)	струя (f) getto (m) chorro (m)	*12*



a

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1	fein verteilter Brennstoff (m) finely subdivided *or* disintegrated fuel combustible (m) finement pulvérisé	мелко распыленное горючее (n) combustibile (m) finamente suddiviso combustible (m) finamente pulverizado
2	Zerstäubungsraum (m) spray pipe passage, atomiser passage chambre (f) de pulvérisation	распылительная камера (f); камера для распыленія camera (f) di polverizzazione cámara (f) de pulverización
3	Vergaser (m) mit Druckförderung pressure fed carburettor carburateur (m) alimenté sous pression	карбураторъ (m) съ подачей [бензина] подъ давленіемъ carburatore (m) con alimentazione sotto pressione carburador (m) alimentado bajo presión
4	Vergaser (m) mit Zufluß durch Gefälle gravity fed carburettor carburateur (m) alimenté par différence de niveau	карбураторъ (m) съ подачей [бензина] самотёкомъ carburatore (m) alimentato per differenza di livello carburador (m) alimentado por diferencia de nivel
5	einachsiger Vergaser (m) concentrically built carburettor carburateur (m) à un seul gicleur	карбураторъ (m) съ однимъ сопломъ *или* съ одной форсункой carburatore (m) ad un solo asse carburador (m) de un solo inyector
6	Hilfsdüsenvergaser (m), Doppeldüsenvergaser (m) auxiliary *or* double jet carburettor carburateur (m) à gicleur de réserve, carburateur (m) à deux ajutages *ou* gicleurs	карбураторъ (m) съ вспомогательнымъ сопломъ *или* съ двойной форсункой carburatore (m) con ugello supplementare, carburatore (m) a due ugelli carburador (m) de inyector suplementario, carburador (m) de dos inyectores
7	Einlaßventilvergaser (m) carburettor with suction valve carburateur (m) à soupape d'admission	карбураторъ (m) съ впускнымъ клапаномъ carburatore (m) a valvola d'ammissione carburador (m) de válvula de admisión

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Mehrdüsenvergaser (m), Registervergaser (m)
carburettor with adjustable air valve
carburateur (m) à registre à plusieurs tubulures

карбураторъ (m) съ нѣсколькими соплами *или* форсунками
carburatore (m) a registro
carburador (m) de pantalla obturadora
1

Doppelvergaser (m) für zwei Brennstoffe
duplex carburettor for use with different fuels
carburateur (m) double pour deux combustibles

двойной карбураторъ (m) для двухъ родовъ горючаго
carburatore (m) doppio per due combustibili
carburador (m) doble para dos combustibles
2

Vergaseranordnung (f)
arrangement of carburettor
disposition (f) de carburateur

расположеніе (n) карбуратора
disposizione (f) del carburatore
disposición (f) del carburador
3

Unreinigkeiten (f pl), Schmutz (m)
dirt, grit
crasse (f), impuretés (f pl)

грязь (f)
impurità (f pl), morchia (f)
impurezas (f pl), suciedad (f)
4

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den Vergaser reinigen (v)
to clean the carburettor
nettoyer (v) *ou* décrasser (v) le carburateur

чистить карбураторъ
pulire (v) il carburatore
limpiar (v) el carburador
5

Niveauregulierung (f)
arrangement *or* device for control of fuel level
réglage (m) du niveau

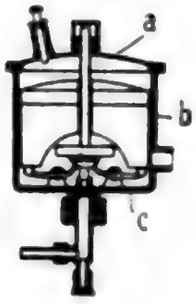
регулированіе (n) уровня
livellamento (m), dispositivo (m) di livello
regulación (f) del nivel
6

Schwimmerniveau (n)
float level
niveau (m) du flotteur

уровень (m) поплавка
livello (m) del galleggiante
nivel (m) del flotador
7

Benzinstand (m)
level *or* height *or* depth of petrol
hauteur (f) de l'essence

уровень (m) бензина
altezza (f) della benzina
nivel (m) de la esencia
8



Schwimmergehäuse (n)
float chamber
chambre (f) du flotteur

коробка (f) *или* камера (f) [для] поплавка
camera (f) *o* recipiente (m) del galleggiante
cámara (f) del flotador
9

Schwimmergehäusedeckel (m)
float chamber cover
couvercle (m) de la chambre du flotteur

a

крышка (f) коробки *или* камеры для поплавка
coperchio (m) della camera del galleggiante
tapa (f) de la cámara del flotador
10

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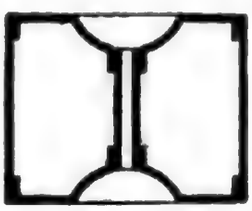
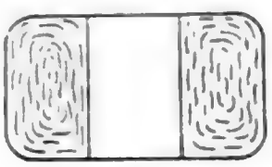
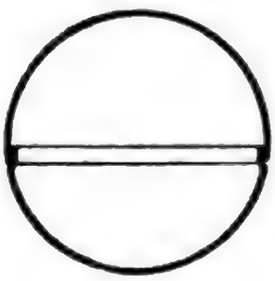
1	Schwimmergehäusemantel (m) float chamber jacket enveloppe (f) de la chambre du flotteur	b	кожухъ (m) коробки *или* камеры поплавка camicia (f) della camera del galleggiante envuelta (f) de la cámara del flotador
2	Schwimmergehäuseboden (m) bottom *or* base of float chamber fond (m) de la chambre du flotteur	c	дно (n) коробки *или* камеры поплавка fondo (m) del recipiente del galleggiante fondo (m) de la cámara del flotador
3	Schwimmer[raum] (m) float chamber chambre (f) de flotteur		помѣщеніе (n) поплавка camera (f) del galleggiante cámara (f) del flotador
4	Schwimmer (m) float flotteur (m)		поплавокъ (m) galleggiante (m) flotador (m)
5	Hohlschwimmer (m) hollow float flotteur (m) creux		полый *или* пустотѣлый поплавокъ (m) galleggiante (m) cavo flotador (m) hueco
6	Korkschwimmer (m) cork float flotteur (m) en liège		пробковый поплавокъ (m) galleggiante (m) di sughero flotador (m) de corcho
7	Kugelschwimmer (m) ball float flotteur (m) à boule		шаровидный поплавокъ (m) galleggiante (m) a palla flotador (m) de bola
8	ringförmiger Schwimmer (m) annular float flotteur (m) annulaire		кольцевой поплавокъ (m) galleggiante (m) anulare flotador (m) anular
9	konzentrisch angeordneter Schwimmer (m) concentric float flotteur (m) concentrique		концентрически расположенный поплавокъ (m) galleggiante (m) concentrico flotador (m) concéntrico

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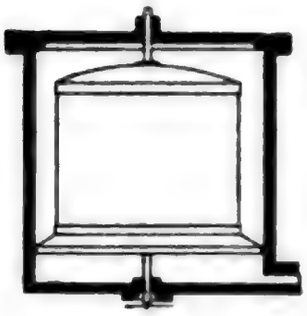
Schwimmer (m) mit Dämpfungsrand
float with damping flange
flotteur (m) à rebord amortisseur



поплавокъ (m) съ тормозящимъ краемъ
galleggiante (m) con orlo smorzatore
flotador (m) con borde amortiguador
1

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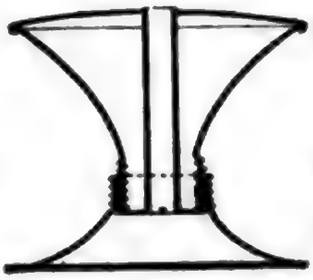
zweiteiliger Schwimmer (m)
float made in two pieces
flotteur (m) en deux pièces



двухраздѣльный поплавокъ (m); поплавокъ, состоящій изъ двухъ частей
galleggiante (m) in due pezzi
flotador (m) de dos piezas
2

Schwimmerventil (n)
float valve
soupape (f) à flotteur

клапанъ (m), [дѣйствующій отъ] поплавка
valvola (f) a galleggiante
válvula (f) de flotador
3

Nadelventil (n)
needle valve
soupape (f) à pointeau

игольчатый клапанъ (m)
valvola (f) a spillo
válvula (f) de aguja
4

Ventilnadel (f)
valve needle
pointeau (m) de soupape

клапанная игла (f)
spillo (m) di valvola
aguja (f) de válvula
5

Schwimmerstange (f)
float spindle
tige (f) *ou* queue (f) de flotteur

стержень (m) поплавка
asta (f) del galleggiante
varilla (f) del flotador
6

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zentrale Ventilnadel (f)
concentrically placed valve
pointeau (m) central de soupape

центральная *или* осевая [клапанная] игла (f)
spillo (m) di valvola centrale
aguja (f) de válvula central
7

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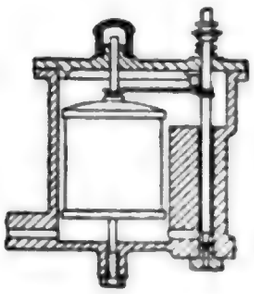
exzentrisch angeordnete Ventilnadel (f)
eccentrically arranged valve
pointeau (m) excentrique de soupape



эксцентрическая [клапанная] игла (f)
spillo (m) di valvola eccentrico
aguja (f) de válvula excéntrica
8

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1 nachstellbare Ventilnadel (f)
adjustable valve
pointeau (m) réglable de soupape

переставная *или* перестанавливающаяся клапанная игла (f)
spillo (m) di valvola regolabile
aguja (f) de válvula reglable

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2 Ventilnadel (f) mit kegelförmiger Dichtungsfläche
valve with conical seat
pointeau (m) de soupape à portée conique

[клапанная] игла (f) съ конической запорной поверхностью
spillo (m) di valvola a sede conica
aguja (f) de válvula de asiento cónico

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3 Ventilnadel (f) mit kugelförmiger Dichtungsfläche
valve with ball seat
pointeau (m) de soupape à portée sphérique

[клапанная] игла (f) съ шаровой запорной поверхностью
spillo (m) di valvola a sede sferica
aguja (f) de válvula de asiento esférico

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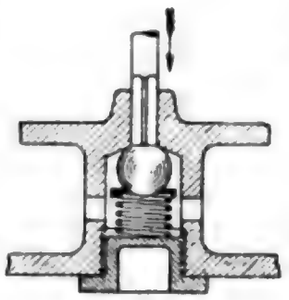
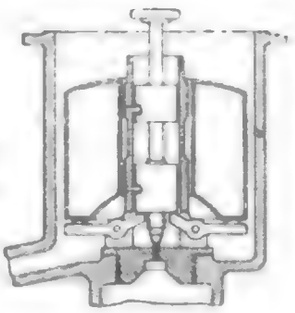
4 gewichtbelastete Ventilnadel (f)
loaded valve
pointeau (m) [de soupape] à contrepoids

нагружённая [клапанная] игла (f)
spillo (m) di valvola a contrappeso
aguja (f) de válvula de contrapeso



5 Schwimmerventil (n) mit Abschluß durch Federkraft
spring controlled float valve
soupape (f) à flotteur avec fermeture par ressort

поплавковый клапанъ (m) съ пружиннымъ затворомъ
valvola (f) a galleggiante con chiusura a molla
válvula (f) de flotador con cierre por resorte



6 Schwimmer (m) mit zentralem Ventil
float with central valve
flotteur (m) à soupape centrale

поплавокъ (m) съ центральнымъ клапаномъ
galleggiante (m) a valvola centrale
flotador (m) con válvula central

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7 Schwimmer (m) mit seitlichem Ventil
float with valve placed at the side
flotteur (m) à soupape latérale

поплавокъ (m) съ боковымъ клапаномъ
galleggiante (m) a valvola laterale
flotador (m) con válvula lateral

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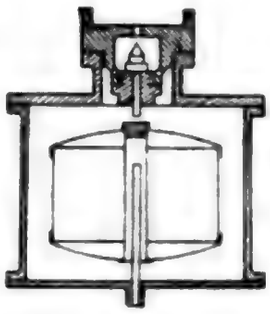
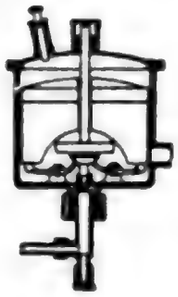
Schwimmer (m) mit Zufluß von oben (von unten)
float chamber with feed inlet at the top (at the bottom)
flotteur (m) avec entrée [d'essence] par le haut (d'en bas)



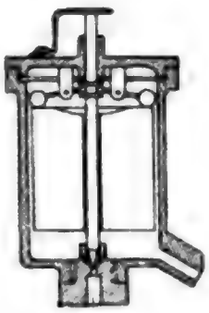
поплавокъ (m) съ притокомъ сверху (снизу)
galleggiante (m) con arrivo d'essenza dall'alto (dal basso)
flotador (m) con entrada superior (inferior) [de la gasolina]
1

Schwimmer (m) mit (oben) unten liegenden Hebeln
float with lever (above) below
flotteur (m) à leviers à la partie (supérieure) inférieure



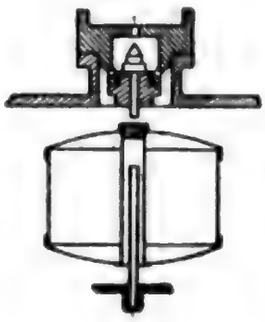
поплавокъ (m) съ рычагами, расположенными сверху (снизу)
galleggiante (m) con leve poste (in alto) in basso
flotador (m) con palancas en la parte (superior) inferior
2

Schwimmer (m) mit Hebelübersetzung
float with lever float
flotteur (m) avec transmission par leviers



поплавокъ (m) съ рычажной передачей
galleggiante (m) con trasmissione a leve
flotador (m) con transmisión por palancas
3

Schwimmer (m) mit unmittelbarem Abschluß
direct acting float with fixed valve spindle
flotteur (m) à obturation directe



поплавокъ (m) съ непосредственнымъ затворомъ
galleggiante (m) ad otturazione diretta
flotador (m) con obturación directa
4

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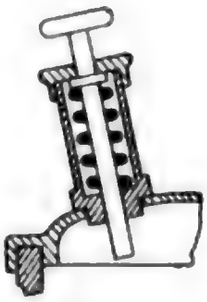
der Schwimmer ist „ersoffen"
the float is drowned
le flotteur est noyé

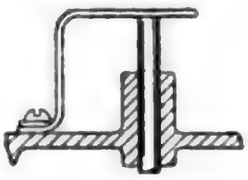
поплавокъ (m) затонулъ; поплавокъ наполнился жидкостью
il galleggiante è sommerso
el flotador está sumergido
5

Tipper (m), Tupfer (m)
tickler
poussoir (m), poussette (f)



кнопка (f) для подкачиванія горючаго
scuotitore (m)
varilla (f) de regulación del flotador
6

Absperrfeder (f)
float check spring
ressort (m) d'obturation



запорная пружина (f) [поплавка]
molla (f) d'otturazione
resorte (m) de obturación
7

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1	[Reinigungs-] Sieb (n) cleaning strainer tamis (m) [de nettoyage]	сѣтка (f) [для процѣживанія] reticella (f) [di pulizia] tamiz (m) [de limpieza]
2	Filter (n) filter filtre (m)	фильтръ (m) filtro (m) filtro (m)
3	Benzinfilter (n), Benzinseiher (m) petrol filter filtre (m) à essence	бензиновый фильтръ (m) filtro (m) da benzina filtro (m) para esencia
4	Dochtfilter (n) cotton filter filtre (m) à mèche	фитильный фильтръ (m) filtro (m) a lucignolo filtro (m) de mecha
5	Filter (n) aus Drahtgaze wire gauge filter filtre (m) en gaze métallique	фильтръ (m) изъ проволочной ткани filtro (m) di tela metallica filtro (m) de tela metálica
6	Anschlußverschraubung (f) pipe union raccord (m) fileté	винтовое соединеніе (n) raccordo (m) a vite del tubo unión (f) roscada
7	Wassersack (m) water pocket *or* trap poche (f) à eau	водоотдѣлитель (m) sacca (f) d'acqua depósito (m) de agua
8	Schwimmernadelführung (f) float spindle guide guide-pointeau (m) de flotteur	направляющая (f) иглы поплавка guida-spillo (f) del galleggiante guía (f) de la aguja del flotador
9	Verschlußdeckel (m) cap couvercle (m) de fermeture	запорная крышка (f) coperchio (m) di chiusura tapa (f) de cierre
10	Deckelschraube (f) cover screw vis (f) de couvercle	винтъ (m) крышки vite (f) del coperchio tornillo (m) de tapa
11	Deckelverschluß (m) cover fastening fermeture (f) de couvercle	затворъ (m) крышки chiusura (f) del coperchio cierre (m) de la tapa
12	Bügelverschluß (m) clamp fastening fermeture (f) à étrier *ou* à cavalier, fermeture (f) autoclave	затворъ (m) скобой *или* хомутомъ chiusura (f) ad autoclave cierre (m) de estribo *ó* autoclave

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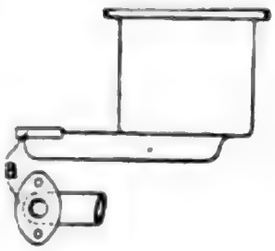
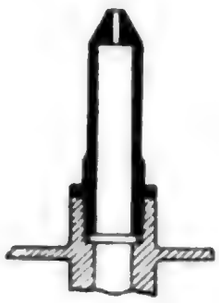
Druckbügel (m) dog clamp étrier (m) de pression		нажимная скоба (f); нажимной хомутъ (m) staffa (f) di pressione estribo (m) de presión 1
Düsenträger (m) nozzle carrier porte-ajutage (m), porte-gicleur (m)	 a	опора (f) сопла porta-ugelli (m) porta-tobera (m) 2
Düsenflansch (m) nozzle flange bride (f) d'ajutage *ou* de gicleur		фланецъ (m) сопла flangia (f) dell'ugello brida (f) del tubito *ó* del inyector 3
Anschlußflansch (m) joint flange bride (f) de raccord		соединительный фланецъ (m) flangia (f) di raccordo brida (f) de unión 4
Spritzdüse (f), Einspritzdüse (f) nozzle, jet spray nozzle gicleur (m)		впрыскивающее сопло (n); впрыскивающая форсунка (f) ugello (m) per spruzzo inyector (m) 5
Brennstoffeinspritzung (f) fuel spray injection (f) de combustible		впрыскиваніе (n) горючаго iniezione (f) di combustibile inyección (f) de combustible 6
Düsenbohrung (f) bore *or* jet of nozzle forage (m) *ou* alésage (m) de l'ajutage *ou* du gicleur		отверстіе (n) сопла *или* форсунки foro (m) dell'ugello diámetro (m) interior del inyector 7
Einlochdüse (f) single jet nozzle gicleur (m) à un seul orifice		сопло (n) *или* форсунка (f) съ однимъ отверстіемъ ugello (m) ad un solo orifizio inyector (m) de un solo orificio 8
Mehrlochdüse (f) multiple jet nozzle gicleur (m) à plusieurs orifices		сопло (n) *или* форсунка (f) съ нѣсколькими отверстіями ugello (m) a più orifizi inyector (m) de varios orificios 9

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1 Düsenkopf (m)
head of nozzle
tête (f) de gicleur

головка (f) сопла *или* форсунки
testa (f) dell'ugello
cabeza (f) del inyector

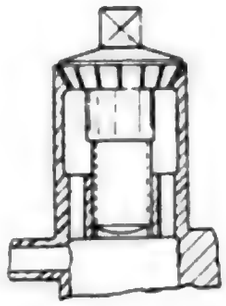
---

2 Düsenkopf (m) mit Querbohrungen
ball head nozzle with transverse pin holes
tête (f) de gicleur à trous radiaux

головка (f) сопла *или* форсунки съ поперечными отверстіями
testa (f) dell'ugello con foro radiale
cabeza (f) del inyector con agujeros transversales

---

3 [Nuten-] Kegeldüse (f)
conical spray nozzle
gicleur (m) conique à fentes



коническое сопло (n) *или* коническая форсунка (f) съ боковыми прорѣзами
ugello (m) conico a fessure
inyector (m) cónico de hendiduras

---

4 einteilige Düse (f)
nozzle in one piece
gicleur (m) en une seule pièce *ou* d'une pièce

цѣльное сопло (n); цѣльная форсунка (f)
ugello (m) in un sol pezzo
inyector (m) de una pieza

---

5 mehrteilige Düse (f)
nozzle made in several pieces
gicleur (m) en plusieurs pièces

составное сопло (n); форсунка (f), состоящая изъ нѣсколькихъ частей
ugello (m) in più pezzi
inyector (m) de varias piezas

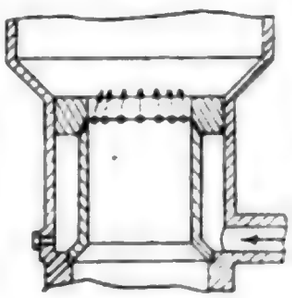
---

6 Düse (f) mit aufgesetztem Kopf
nozzle with removable nipple *or* head
gicleur (m) à tête rapportée

сопло (n) *или* форсунка (f) съ насаженной головкой
ugello (m) con testa di riporto
inyector (m) con cabeza separada *ó* suelta

---

7 ringförmig angeordnete Düsen (f pl)
annular spraying nozzle
ajutages (m pl) *ou* gicleurs (m pl) disposés en cercle, gicleurs (m pl) annulaires



сопла (n pl) *или* форсунки (f pl), расположенныя кольцеобразно
ugelli (m pl) disposti ad anello
inyectores (m pl) *ó* agujeros (m pl) de inyección dispuestos en anillo

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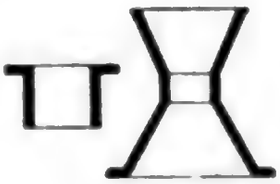
verstellbare Düse (f)
adjustable nozzle
ajutage (m) réglable

переставное сопло (n); регулируемая форсунка (f) *1*
ugello (m) registrabile
inyector (m) reglable

a

Benzinspindel (f)
needle valve for adjusting flow of petrol
pointeau (m) d'essence

шпиндель (m) *или* игла (f) для бензина
valvola (f) a spillo per l'essenza *2*
aguja (f) de entrada de gasolina



Luftdüse(f), Lufttrichter (m)
air nozzle, choke tube
ajutage (m) à air

воздушное сопло (n); воздушная насадка (f) *3*
ugello (m) per aria
tubo (m) de aire

auswechselbare Luftdüse (f)
interchangeable choke tube
ajutage (m) à air interchangeable

смѣнное воздушное сопло (n); смѣнная воздушная насадка (f) *4*
ugello (m) ricambiabile per aria
tubo (m) de aire recambiable

Zerstäubungsvorrichtung (f), Zerstäuber (m)
atomiser
pulvérisateur (m), vaporisateur (m)

распылитель (m); приспособленіе (n) для распыленія
apparecchio (m) di polverizzazione, polverizzatore (m) *5*
pulverizador (m)

Zerstäubungöffnung (f)
atomiser aperture *or* orifice
orifice (m) de pulvérisation

распыляющее отверстіе (n); отверстіе для распыленія
orificio (m) di polverizzazione *6*
abertura (f) de pulverización

Zerstäuberkegel (m), Pilz (m)
atomiser cone
champignon (m) de pulvérisateur

распыляющій конусъ (m); грибокъ (m) [для распыленія]
fungo (m) *o* cono (m) di polverizzazione *7*
cono (m) de pulverizador

treppenartig abgestufter Zerstäuberkegel (m)
notched flat headed atomiser
champignon (m) de pulvérisateur à gradins

ступенчатый грибокъ (m) [для распыленія]
fungo (m) polverizzatore a gradini *8*
cono (m) de pulverizador de gradines

geheizter Zerstäuberkegel (m)
(exhaust) heated atomiser
champignon (m) de pulvérisateur à réchauffage

обогрѣваемый грибокъ (m) [для распыленія]
fungo (m) polverizzatore riscaldato *9*
cono (m) de pulverizador recalentado

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1 Prallplatte (f)
impact plate
plaque (f) de choc

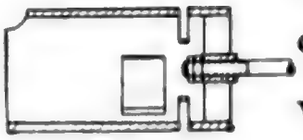
ударная *или* отражательная пластина (f)
piastra (f) d'urto
pantalla (f) de choque

2 Reg[e]lung (f), Regulierung (f)
governing
réglage (m)

регулировка (f); регулированіе (n)
regolazione (f)
regulación (f)

3 Flügelrad (n), Windrad (n)
vaned *or* fan atomiser
roue (f) à palettes *ou* à ailettes, moulinet (m) mélangeur

крылатка (f); крыльчатое колесо (n)
ruota (f) a palette
rueda (f) de paletas, molinete (m) mezclador



4 Reglerschieber (m)
governor slide valve
tiroir (m) de réglage

регулирующій золотникъ (m)
cassetto (m) di regolazione
válvula (f) corredera de regulación

5 regeln (v), regulieren (v)
to govern
régler (v)

регулировать
regolare (v)
regular

6 nachregeln (v)
to readjust
régler (v) subséquemment *ou* à nouveau

подрегулировать
regolare (v) di nuovo
regular (v) de nuevo

7 drosseln (v), abdrosseln (v)
to throttle
étrangler (v)

сузить; сдавливать
strozzare (v)
estrangular (v)

8 die Gaszufuhr absperren (v)
to shut off the gas
couper (v) *ou* intercepter (v) *ou* arrêter (v) l'arrivée du gaz

прекратить притокъ газа; прекращать притокъ газа
chiudere (v) *o* intercettare (v) l'entrata del gas
cerrar (v) *ó* obturar (v) el conducto de gas

9 Drosselung (f)
throttling
étranglement (m)

суженіе (n) площади прохода
strozzamento (m)
estrangulación (f)

10 Drosselklappe (f)
throttle, throttle valve
papillon (m), clapet (m) d'étranglement

прикрывающая заслонка (f); дроссельная заслонка
valvola (f) di strozzamento
válvula (f) de estrangulación, regulador (m) de mariposa

11 Drossel[klappen]hebel (m)
throttle valve lever
levier (m) du papillon

a

рычагъ (m) прикрывающей *или* дроссельной заслонки
leva (f) della valvola di strozzamento
palanca (f) del regulador de mariposa

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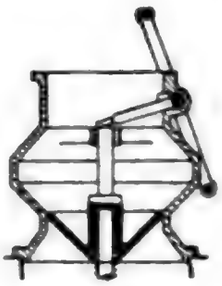
Gashahn (m)
gas cock
robinet (m) à gaz

газовый кранъ (m)
robinetto (m) per gas
grifo (m) para el gas
1

Drosselventil (n)
throttle valve
soupape (f) d'étranglement



прикрывающій клапанъ (m); дроссельный клапанъ
valvola (f) di strozzamento
válvula (f) de estrangulación
2

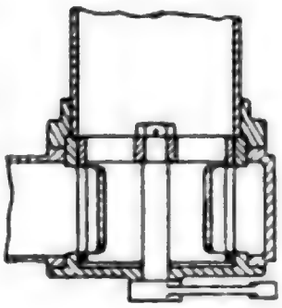
Drosselscheibe (f)
disc of throttle valve
disque (m) d'étranglement

прикрывающій дискъ (m); дроссельный дискъ
disco (m) di strozzamento
disco (m) de estrangulación
3

Drosselschieber (m)
sliding throttle valve
tiroir (m) d'étranglement

прикрывающій золотникъ (m); дроссельный золотникъ
cassetto (m) di strozzamento
corredera (f) de estrangulación
4

Drehschieber (m), Rundschieber (m)
rotary slide valve
tiroir (m) tournant *ou* rotatif



вращающійся золотникъ (m)
cassetto (m) girevole
válvula (f) giratoria
5

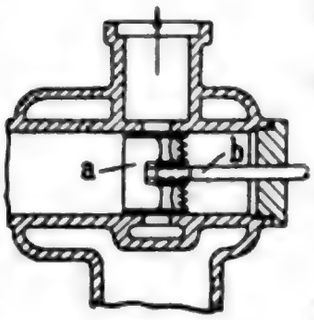
Schieberöffnung (f)
slide valve opening *or* slot *or* port
orifice (m) *ou* lumière (f) du tiroir

отверстіе (n) золотника
apertura (f) *o* luce (f) del cassetto
abertura (f) *ó* lumbrera (f) del distribuidor
6

Bedienungshebel (m)
hand lever
levier (m) de manœuvre

рукоятка (f) *или* рычагъ (m) для управленія
leva (f) di manovra
palanca (f) de maniobra
7

Kolbenschieber (m)
piston valve
tiroir (m) *ou* distributeur (m) cylindrique



цилиндрическій *или* поршневой золотникъ (m)
cassetto (m) a stantuffo
distribuidor (m) cilíndrico
8

gezahnter Kolbenschieber (m)
toothed *or* machicolated piston valve
tiroir (m) cylindrique denté

a

зубчатый цилиндрическій золотникъ (m); зубчатый поршневой золотникъ
cassetto (m) a stantuffo dentellato
distribuidor (m) cilíndrico dentado
9

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b

Schieberstange (f), Schieberspindel (f) 1 slide valve root *or* spindle tige (f) de tiroir		золотниковый штокъ (m); золотниковый шпиндель (m); золотниковая тяга (f) *или* скалка (f) asta (f) del cassetto vástago (m) del distribuidor
Gasgemischhebel (m) 2 mixture control lever levier (m) de carburation		рычагъ (m) газовой смѣси; рычагъ для установки смѣси *или* для регулированія состава смѣси leva (f) di carburazione palanca (f) de carburación
Drosselschieber (m) mit Zusatzluftschlitzen sliding throttle valve with slot air ports 3 tiroir (m) d'étranglement avec fenêtres pour air supplémentaire		дроссельный золотникъ (m) *или* прикрывающій золотникъ съ окнами для добавочнаго воздуха cassetto (m) di strozzamento con luci d'aria supplementare distribuidor (m) de estrangulación con lumbreras para el aire adicional
Zusatzluftventil (n) supplementary air valve 4 soupape (f) d'air additionnel		клапанъ (m) для добавочнаго *или* для дополнительнаго воздуха valvola (f) d'aria addizionale sopapa (f) de aire adicional
Becherventil (n) cup valve 5 soupape (f) en forme de gobelet		бокаловидный клапанъ (m) valvola (f) a campana válvula (f) en forma de campana
Verstellungskraft (f) adjustability governing power 6 force (f) *ou* effort (m) de déplacement		сила (f), необходимая для перестановки sforzo (m) di spostamento fuerza (f) necesaria para el desplazamiento
Klemmung (f) des Ventils 7 jamming of a valve coincement (m) d'une soupape		защемленіе (n) клапана puntamento (m) d'una valvola atascamiento (m) de una válvula
Plattenventil (n) plate valve, disc valve 8 soupape (f) à plaque, disque (m) d'obturation		пластинчатый клапанъ (m) valvola (f) a piastre válvula (f) de platillo, disco (m) obturador

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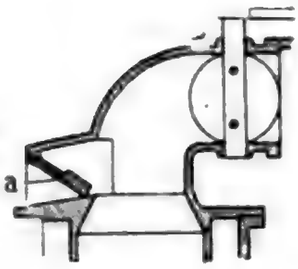
Zusatzluftklappe (f)
auxiliary air clack valve
clapet (m) d'air additionnel



a

заслонка (f) для добавочнаго воздуха
valvola (f) a cerniera per aria supplementare
válvula (f) de charnela ó de mariposa para aire adicional

1

Membranvergaser (m), Diaphragmavergaser (m)
diaphragm carburettor
carburateur (m) à diaphragme

карбураторъ (m) съ діафрагмой *или* съ мембраной
carburatore (m) a diaframma
carburador (m) de diafragma

2

Dämpfung (f)
damping action
amortissement (m)

успокоеніе (n); тормаженіе (n)
smorzamento (m)
amortiguamiento (m)

3

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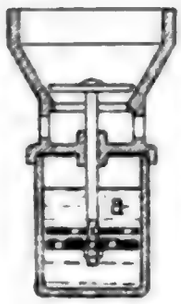
dämpfen (v)
to damp
amortir (v)

успок-оить (-аивать); тормозить
smorzare (v)
amortiguar (v)

4

Kataraktdämpfung (f)
cataract damping *or* dashpot action
amortissement (m) fractionné



катарактовое успокоеніе (n) *или* тормаженіе (n); успокоеніе сжатіемъ жидкости
smorzamento (m) a cateratta
amortiguamiento (m) fraccionado

5

Dämpfungsscheibe (f)
damping disc *or* piston
disque (m) amortisseur

успокоительный дискъ (m); тормазной дискъ
disco (m) smorzatore
disco (m) amortiguador

6

Ölkammer (f)
oil chamber
chambre (f) à huile

a

масляная камера (f)
camera (f) d'olio
cámara (f) de aceite

7

Flüssigkeitsdämpfung (f), hydraulische Dämpfung (f)
damping by friction of liquids
amortissement (m) hydraulique

успокоеніе (n) жидкостью; гидравлическое тормаженіе (n)
smorzamento (m) idraulico
amortiguamiento (m) hidráulico

8

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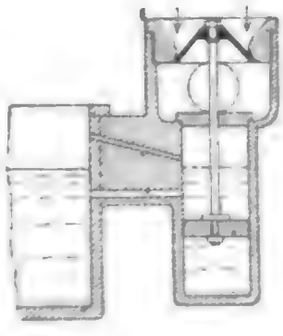
hydraulisch gebremstes Zusatzluftventil (n)
auxiliary air valve with hydraulic retarder
soupape (f) d'air additionnel à freinage hydraulique



клапанъ (m) для добавочнаго воздуха съ гидравлическимъ тормаженіемъ
valvola (f) d'aria addizionale a freno idraulico
válvula (f) para aire adicional de freno hidráulico

9

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1 Reibungsdämpfung (f)
damping by friction
amortissement (m) par friction

успокоеніе (n) треніемъ; тормаженіе треніемъ
smorzamento (m) per frizione
amortiguamiento (m) por rozamiento

2 Luftdämpfung (f)
air damping
amortissement (m) pneumatique

воздушное успокоеніе (n); пневматическое тормаженіе (n)
smorzamento (m) pneumatico *o* ad aria
amortiguamiento (m) neumático

3 Luftpuffer (m)
air buffer *or* dashpot
dash-pot (m) à air, amortisseur (m) à air

воздушный буферъ (m)
freno (m) *o* moderatore (m) pneumatico *o* ad aria
dash-pot (m), amortiguador (m) neumático

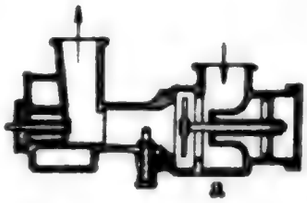
4 Dämpfungskolben (m)
dashpot piston, damping piston
piston (m) amortisseur

успокоительный поршень (m); тормозящій поршень
stantuffo (m) moderatore *o* smorzatore
émbolo (m) amortiguador

5 Irisblende (f)
iris diaphragm
diaphragme (m) en forme d'iris

ирисовая діафрагма (f)
otturatore (m) *o* diaframma (m) ad iride
diafragma (m) en forma de iris

6 Hauptluftventil (n)
main *or* primary air valve
soupape (f) d'introduction de la quantité d'air normale



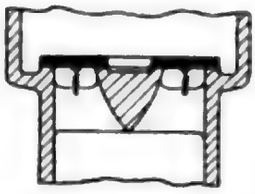
a

клапанъ (m) для впуска основного количества воздуха
valvola (f) d'aria ambiente *od* esterna
válvula (f) de entrada del aire normal

7 Lufteinlaßklappe (f), Hauptluftklappe (f)
air inlet valve *or* clack
clapet (m) d'admission d'air

впускная заслонка (f) для [основного количества] воздуха
valvola (f) a cerniera d'entrata d'aria
válvula (f) de charnela para admisión del aire

8 Ringventil (n)
annular plate valve, disc valve
soupape (f) annulaire



кольцевой клапанъ (m)
valvola (f) anulare
válvula (f) anular

9 selbsttätiger *oder* automatischer Düsenabschluß (m)
automatic jet control valve
fermeture (f) automatique de l'ajutage

автоматическій затворъ (m) для сопелъ; самодѣйствующій затворъ для форсунокъ
chiusura (f) automatica dell'ugello
cierre (m) automático del tubito *o* inyector

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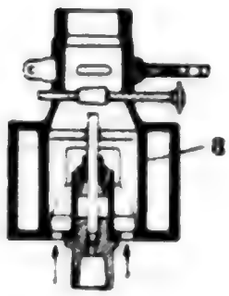
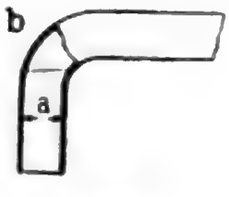
Brennstoffventil (n) in der Düse fuel valve in the nozzle soupape (f) à combustible dans l'ajutage		клапанъ (m) въ соплѣ для горючаго valvola (f) del combustibile nell'ugello válvula (f) para combustible dispuesta en el tubito ó inyector	1
Vergasergehäuse (n), Vergaserkörper (m) body of carburettor enveloppe (f) du carburateur	a	корпусъ (m) *или* коробка (f) *или* кожухъ (m) карбуратора corpo (m) del carburatore envuelta (f) del carburador	2
Einströmöffnung (f) induction *or* admission *or* intake opening orifice (m) d'admission		отверстіе (n) для впуска orifizio (m) d'ammissione orificio (m) de admisión	3
Mischraum (m) mixing chamber chambre (f) de mélange		камера (f) образованія смѣси; камера смѣшенія camera (f) di miscela cámara (f) de mezcla	4
Vergasungsraum (m) vaporising chamber chambre (f) de carburation		камера (f) для карбураціи; карбураціонная камера camera (f) di carburazione cámara (f) de carburación	5
Tragzapfen (m), Tragschraube (f) carrier pin *or* stud tige (f) de support filetée		опорная цапфа (f); поддерживающій болтъ (m) tappo-sopporto (m) varilla (f) de soporte roscada	6
Saugleitung (f) induction *or* suction pipes conduite (f) d'aspiration		всасывающій трубопроводъ (m); трубопроводъ для всасываемаго газа condotta (f) d'aspirazione conducto (m) de aspiración	7
Saugrohr (n) induction pipe tuyau (m) d'aspiration		всасывающая труба (f) tubo (m) d'aspirazione tubo (m) de aspiración	8
Lufteinführungsrohr (n) air (inlet) pipe tuyau (m) d'arrivée d'air, tuyau (m) d'introduction d'air		труба (f) для подвода воздуха tubo (m) d'introduzione d'aria tubo (m) de entrada ó llegada de aire	9
Saugrohrweite (f) diameter of induction *or* suction pipe diamètre (m) intérieur du tuyau d'aspiration	 a	діаметръ (m) въ свѣту всасывающей трубы larghezza (f) interna del tubo d'aspirazione diámetro (m) interior del tubo de aspiración	10

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gezogenes Messingrohr (n)
1 drawn brass tube
tuyau (m) de laiton étiré

тянутая латунная труба (f)
tubo (m) di ottone trafilato
tubo (m) de latón estirado

Rohrknie (n), Knierohr (n)
2 elbow
coude (m) [de tuyau]

b

прямое колѣно (n); прямой угольникъ (m)
gomito (m) del tubo
codo (m) [de tubo]

Rohrkrümmer (m)
3 pipe bend, elbow
tuyau (m) coudé

колѣно (n); отводъ (m)
tubo (m) a gomito
tubo (m) acodado

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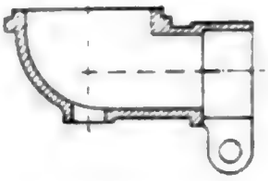
drehbarer Lufteintrittkrümmer (m)
4 rotatable air inlet bend
coude (m) d'entrée d'air tournant *ou* articulé



вращающееся колѣно (n) для впуска воздуха
gomito (m) d'entrata d'aria girevole
codo (m) de entrada de aire giratorio *ó* articulado

Heizung (f)
5 heating
réchauffage (m)

обогрѣваніе (n)
riscaldamento (m)
recalentamiento (m)

Anheizvorrichtung (f)
6 heating arrangement
dispositif (m) de réchauffage

приспособленіе (n) для обогрѣванія
dispositivo (m) di riscaldamento
disposición (f) de recalentamiento

Heizfläche (f)
7 heating surface
surface (f) de réchauffement

поверхность (f) нагрѣва
superficie (f) di riscaldamento
superficie (f) de recalentamiento

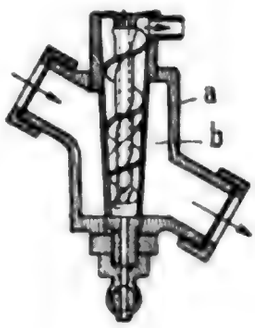
Wasserheizung (f)
8 heating by water
réchauffage (m) à l'eau *ou* par eau

обогрѣваніе (n) водой
riscaldamento (m) ad acqua
recalentamiento (m) por agua

Heizung (f) durch Abgase (Auspuff)
9 heating by the exhaust gases
réchauffage (m) par l'échappement

обогрѣваніе (n) отработавшими газами *или* отходящими газами
riscaldamento (m) per mezzo dei gas di scappamento
recalentamiento (m) por los gases de escape

Brennstoffvorwärmer (m)
10 fuel heater
réchauffeur (m) de combustible



подогрѣватель (m) для горючаго
riscaldamento (m) preventivo del combustibile
recalentador (m) de combustible

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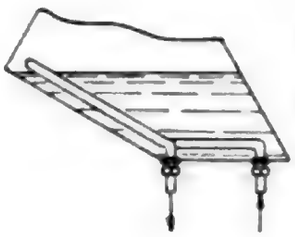
Heizmantel (m) heating jacket chemise (f) de réchauffage	a	нагрѣвательная рубашка (f) camicia (f) di riscaldamento camisa (f) de recalentamiento	1
Heizraum (m) jacket space, heating space chambre (f) de réchauffage	b	камера (f) нагрѣва *или* подогрѣванія camera (f) di riscaldamento cámara (f) de recalentamiento	2
Heizschlange (f) heating coil tuyau (m) *ou* serpentin (m) réchauffeur		нагрѣвательный змѣевикъ (m) serpentino (m) di riscaldamento tubo (m) ó serpentin (m) refrigerador	3
Bodenheizung (f) heating the bottom réchauffage (m) du fond		обогрѣваніе (n) днища riscaldamento (m) del fondo recalentamiento (m) del fondo	4
Heizung (f) durch das Kühlwasser heating by means of the circulating (cylinder cooling) water réchauffage (m) par l'eau de circulation		обогрѣваніе (n) посредствомъ циркуляціонной воды riscaldamento (m) per mezzo dell'acqua di circolazione recalentamiento (m) por el agua de circulación	5
einen Vergaser „beheizen" (v) to heat a carburettor réchauffer (v) un carburateur		обогрѣвать карбураторъ riscaldare (v) un carburatore recalentar (v) un carburador	6
Vorwärmung (f) [pre-]heating réchauffage (m)		подогрѣваніе (n) riscaldamento (m) preventivo recalentamiento (m)	7
vorwärmen (v) to [pre-]heat réchauffer (v)		подогрѣвать riscaldare (v) preventivamente recalentar (v)	8

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1	**Zündung** **Ignition** **Allumage**	**Зажиганіе; воспламененіе; запалъ** **Accensione** **Encendido**
2	entzünden (v), zünden (v) to ignite allumer (v)	воспламенять; зажигать accendere (v) encender (v)
3	Funkenbildung (f) spark formation formation (f) d'étincelles	искрообразованіе (n); образованіе (n) искры formazione (f) di scintille formación (f) de chispas
4	Funke (m), Zündfunke (m), Entzündungsfunke (m) ignition spark étincelle (f) d'allumage	искра (f); запальная искра scintilla (f) d'accensione chispa (f) de encendido
5	der Funke springt über the spark jumps over l'étincelle jaillit	искра (f) перескакиваетъ la scintilla scocca la chispa salta
6	Entzündungstemperatur (f) ignition temperature température (f) d'inflammabilité *ou* d'explosion	температура (f) *или* точка (f) воспламененія temperatura (f) d'accensione *o* per l'accensione temperatura (f) de inflamación *ó* de explosión
7	Zündeinrichtung (f), Zündapparat (m) ignition device dispositif (m) d'allumage, allumeur (m)	зажигательный аппаратъ (m); запальное приспособленіе (n); запальникъ (m) dispositivo (m) d'accensione, apparato (m) *od* organo (m) d'accensione, accenditore (m) aparato (m) de encendido
8	Zünd[ungs]art (f), Zündmethode (f) type of ignition genre (m) *ou* procédé (m) d'allumage	родъ (m) запала; система (f) зажиганія modo (m) d'accensione, metodo (m) d'accensione procedimiento (m) de encendido
9	elektrische Zündung (f) electrical ignition allumage (m) électrique	электрическое зажиганіе (n); электрическій запалъ (m) accensione (f) elettrica encendido (m) eléctrico

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magnetelektrische Zündung (f)
electro-magnetic ignition
allumage (m) par magnéto, allumage (m) magnéto-électrique

электромагнитное зажиганіе (n); электромагнитный запалъ (m)
accensione (f) magneto-elettrica
encendido (m) magneto-eléctrico

1

Abreißzündung (f)
make and break ignition
allumage (m) par [étincelle de] rupture

зажиганіе (n) на отрывъ; запалъ (m) отсѣчками
accensione (f) per rottura [di corrente]
encendido (m) por [chispa de] ruptura

2

[Magnet-] Abreißzündung (f)
magnetic make and break ignition
allumage (m) par magnéto et rupteur

электромагнитное зажиганіе (n) на отрывъ; электромагнитный запалъ (m) отсѣчками
accensione (f) magneto-elettrica per rottura di corrente
encendido (m) por magneto y ruptor

3

Niederspannungszündung (f)
low tension ignition
allumage (m) à basse tension

зажиганіе (n) *или* запалъ (m) низкаго напряженія
accensione (f) a bassa tensione
encendido (m) por corriente de baja tensión

4

Kerzenzündung (f)
spark[ing] plug ignition
allumage (m) par bougie

зажиганіе (n) свѣчами; запалъ (m) на свѣчи
accensione (f) a candela
encendido (m) por bujía

5

Magnetkerzenzündung (f)
magnetic spark[ing] plug ignition
allumage (m) par magnéto et bougie

электромагнитное зажиганіе (n) свѣчами; электромагнитный запалъ (m) на свѣчи
accensione (f) elettromagnetica a candela
encendido (m) por magneto y bujía

6

Hochspannungszündung (f)
high tension ignition
allumage (m) à haute tension

зажиганіе (n) *или* запалъ (m) высокаго напряженія
accensione (f) ad alta tensione
encendido (m) por corriente de alta tensión

7

Lichtbogenzündung (f)
arc ignition
allumage (m) par arc voltaïque

зажиганіе (n) отъ вольтовой дуги; запалъ (m) вольтовой дугой
accensione (f) ad arco voltaico
encendido (m) por arco voltáico

8

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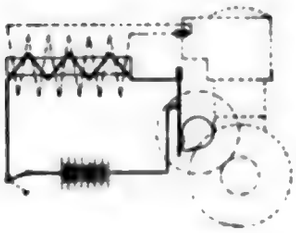

1	Batteriezündung (f) cell ignition allumage (m) par piles	зажиганіе (n) *или* запалъ (m) отъ батареи accensione (f) a pile encendido (m) por pilas [primarias]
2	Doppelzündung (f) double ignition allumage (m) double	двойное зажиганіе (n); двойной запалъ (m) accensione (f) doppia encendido (m) doble
3	die Zündungen bleiben aus the ignition missfires *or* fails il y a des ratés d'allumage	въ зажиганіи *или* въ запалѣ происходитъ перебой l'accensione non funziona regolarmente, il motore perde dei colpi la explosión ha fallido, la chispa no se produce
4	Zündungsaussetzer (m) spark failure raté (m) d'allumage	перебой (m) въ зажиганіи *или* въ запалѣ interruttore (m) di accensione encendido (m) fallido, explosión (f) fallida
5	Fehlzündung (f) missfire mauvais allumage (m), allumage (m) défectueux	неудавшійся *или* неисправный запалъ (m); пропускъ (m) въ зажиганіи accensione (f) difettosa *o* mancata encendido (m) defectuoso
6	Zündungseinstellung(f), Zündungsregulierung (f) adjustment of ignition réglage (m) de l'allumage	установка (f) запала; регулировка (f) зажиганія registrazione (f) dell'accensione regulación (f) del encendido
7	die Zündung einstellen (v) to adjust the ignition régler (v) l'allumage	устанавливать зажиганіе *или* запалъ regolare (v) l'accensione reglar (v) el encendido
8	Zündungsstromkreis(m) ignition circuit circuit (m) d'allumage	цѣпь (f) зажиганія *или* запала circuito (m) d'accensione circuito (m) de encendido
9	Einschalten (n) der Zündung switching in the ignition circuit mise (f) en circuit de l'allumage	включеніе (n) зажиганія *или* запала inserimento (m) *o* messa (f) in circuito dell'accensione puesta (f) en circuito del encendido
10	elektrischer Strom (m) electric current courant (m) électrique	электрическій токъ (m) corrente (f) elettrica corriente (f) eléctrica

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Stromerzeugung (f) production of current production (f) de courant	образованіе (n) тока; производство (n) тока produzione (f) di corrente producción (f) de la corriente	1
Stromschluß (m) closing of circuit fermeture (f) de circuit	замыканіе (n) цѣпи; замыканіе тока chiusura (f) di circuito cierre (m) del circuito	2
Stromkreis (m) circuit circuit (m)	цѣпь (f) circuito (m) della corrente circuito (m)	3
hochgespannter Strom (m) high tension current courant (m) à haute tension	токъ (m) высокаго напряженія corrente (f) ad alta tensione corriente (f) de alta tensión	4
die Zündung ausschalten (v) *oder* abstellen (v) to disconnect *or* switch off the ignition interrompre (v) l'allumage	выключить зажиганіе *или* запалъ interrompere (v) l'accensione poner (v) fuera de circuito, interrumpir (v) el encendido	5
den Strom unterbrechen (v) to interrupt the current rompre (v) *ou* interrompre (v) *ou* couper (v) le courant	прервать токъ interrompere (v) la corrente interrumpir (v) la corriente	6
Stromverlust (m) leakage *or* loss of current perte (f) de courant	потеря (f) тока perdita (f) di corrente pérdida (f) de [intensidad de la] corriente	7
Unterbrechungsfunke (m) spark at breaking étincelle (f) de rupture	искра (f) размыканія; искра въ моментъ отрыва scintilla (f) di rottura chispa (f) de ruptura	8
Zündmoment (m) moment of sparking, time of ignition moment (m) de l'allumage, point (m) d'allumage	время (m) запала; моментъ (m) воспламененія *или* вспышки momento (m) *o* punto (m) d'accensione instante (m) del encendido	9
Verstellung (f) des Zündmoments adjustment of the timing of the ignition déplacement (m) du point d'allumage	перестановка (f) момента зажиганія; переводъ (m) момента запала spostamento (m) del momento d'accensione avance (m) *ó* retardo (m) del instante de encendido	10

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1	Frühzündung (f), Vorzündung (f) advanced ignition avance (f) à l'allumage	предвареніе (n) зажиганія; предвареніе запала; раннiй запалъ; опереженіе (n) зажиганія antiaccensione (f), accensione (f) anticipata, anticipazione (f) dell'accensione avance (m) al encendido
2	Spätzündung (f), Nachzündung (f) retarded ignition retard (m) à l'allumage	поздній запалъ (m); запозданіе (n) зажиганія; позднее зажиганіе (n) ritardo (m) dell' accensione, accensione (f) ritardata retardo (m) al encendido
3	genaue *oder* präzise Zündung (f) correct timed ignition allumage (m) précis *ou* au point	точное зажиганіе (n); точный запалъ accensione (f) precisa *od* a punto encendido (m) al momento conveniente *ó* en punto
4	scharfe Zündung (f) powerful *or* hot spark bon allumage (m)	быстрое зажиганіе (n); энергичный запалъ (m) accensione (f) calda *od* esatta encendido (m) exacto
5	verschleppte Zündung (f) late ignition allumage (m) retardé	замедленное зажиганіе (n); замедленный запалъ (m) accensione (f) ritardata *o* smarritasi encendido (m) retardado
6	schwache Zündung (f) weak ignition allumage (m) faible	слабое зажиганіе (n); слабый запалъ (m) accensione (f) debole *o* fiacca encendido (m) débil *ó* flojo
7	Spannung (f) (des elektrischen Stromes) voltage *or* tension (of the electric current) tension (f), voltage (m)	напряженіе (n) [электрическаго тока] tensione (f) della corrente elettrica tensión (f), voltaje (m) (de la corriente)
8	Spannungskurve (f) voltage curve courbe (f) de tension *ou* de voltage	кривая (f) напряженія curva (f) della tensione curva (f) de tensión
9	Stromkurve (f) current curve courbe (f) de courant, courbe (f) d'intensité	кривая (f) силы тока curva (f) della corrente curva (f) de intensidad
10	Stromrichtung (f) direction *or* sense of current sens (m) du courant	направленіе (n) тока senso (m) della corrente dirección (f) *ó* sentido (m) de la corriente

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Extrastrom (m), Sonderstrom (m) excess current extra courant (m)	экстра-токъ (m) extracorrente (f) extracorriente (f)	1
Stromstärke (f), Stromintensität (f), intensity of current intensité (f) du courant, ampérage (m) de courant	сила (f) *или* интенсивность (f) тока intensità (f) di corrente intensidad (f) *ó* amperaje (m) de la corriente	2
Strommenge (f) quantity of current quantité (f) de courant	количество (n) тока quantità (f) di corrente cantidad (f) de corriente	3
Magnetfeld (n) magnetic field champ (m) magnétique	магнитное поле (n) campo (m) magnetico campo (m) magnético	4
Kraftlinienfluß (m) magnetic flux *or* lines of force flux (m) de lignes de force	магнитный потокъ (m); потокъ силовыхъ линій flusso (m) di linee di forza flujo (m) de las lineas de fuerza	5
Kraftliniendichte (f) density of lines of force, flux density densité (f) des lignes de force	плотность (f) силовыхъ линій densità (f) delle linee di forza densidad (f) de las lineas de fuerza	6
Stromdurchgang (m) passage of the current passage (m) du courant	прохожденіе (n) тока passaggio (m) di corrente paso (m) de la corriente	7
induzierter Strom (m) induced current courant (m) induit	возбуждённый токъ (m); индуктированный токъ; вторичный токъ corrente (f) indotta corriente (f) inducida	8
leiten (v) (den Strom) to conduct, to lead conduire (v) *ou* amener (v) le courant	проводить токъ condurre (v) la corrente conducir (v) la corriente	9
den Strom ableiten (v) to lead off the current dériver (v) le courant	брать токъ deviare (v) la corrente derivar (v) la corriente	10
Körperschluß (m) earth mise (f) (d'un pôle) à la masse	замыканіе (n) „на массу"; сообщеніе (n) съ корпусомъ contatto (m) colla massa contacto (m) con la masa	11
Kurzschluß (m) short circuit court-circuit (m)	короткое замыканіе (n) corto-circuito (m) corto-circuito (m)	12

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1	Selbstzündung (f) spontaneous ignition, self-ignition allumage (m) automatique, allumage (m) spontané, auto-allumage (m)	самовоспламененіе (n); самозажиганіе (n) accensione (f) spontanea *o* automatica encendido (m) automático *ó* espontáneo
2	Zündort (m) point of ignition foyer (m) *ou* centre (m) d'allumage	точка (f) зажиганія punto (m) dell'accensione punto (m) de encendido
3	Glühzündung (f) ignition by lowtension fuses allumage (m) par incandescence	воспламененіе (n) *или* зажиганіе (n) накаливаніемъ accensione (f) ad incandescenza encendido (m) por incandescencia
4	Kompressionszündung (f) ignition due to compression allumage (m) par compression	воспламененіе (n) отъ сжатія accensione (f) per compressione encendido (m) por compresión
5	Flammenzündung (f) flame ignition allumage (m) par brûleur	зажиганіе (n) горѣлкой accensione (f) a fiamma aperta encendido (m) por quemador
6	Zündflamme (f) igniting flame flamme (f) d'allumage	пламя (n) горѣлки fiamma (f) d'accensione llama (f) de encendido
7	Glührohrzündung (f) hot tube ignition allumage (m) par tube incandescent *ou* par brûleurs	воспламененіе (n) калильной *или* запальной трубкой accensione (f) a tubo incandescente *od* a »bruleurs« encendido (m) por tubo incandescente
8	Heizlampe (f) heating lamp brûleur (m)	нагрѣвательная *или* калильная лампа (f) becco (m) di riscaldamento, »bruleur« (m) quemador (m)
9	Brennerlampe (f) blow lamp brûleur (m), porte-mèche (m)	лампа (f) съ горѣлкой lampada (f) *o* becco (m) di riscaldamento, »bruleur« (m) mechero (m)
10	Anheizteller (m) dish for methylated spirit to heat the burner in order to start the lamp coupe (f) (à alcool)	чашечка (f) для спирта coppa (f) di riscaldamento copa (f) (por alcohol)

a

b

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Glührohr (n) hot tube tube (m) incandescent	калильная *или* запальная трубка (f) tubo (m) incandescente tubo (m) incandescente	*1*
gesteuerte Glührohrzündung (f) timed hot tube ignition allumage (m) par tube incandescent à réglage	регулируемое воспламененіе (n) калильной *или* запальной трубкой accensione (f) a tubo incandescente comandata encendido (m) por tubo incandescente con regulación	*2*
Verstopfen (n) des Glührohrs choking *or* obstruction of the ignition tube engorgement (m) *ou* obstruction (f) du tube incandescent	засореніе (n) калильной *или* запальной трубки ostruzione (f) del tubo incandescente obstrucción (f) del tubo incandescente	*3*
glühend machen (v) to make red-hot rendre (v) incandescent	накал-ить (-ивать) rendere (v) incandescente poner (v) incandescente	*4*
Glühzone (f) zone of incandescence zone (f) d'incandescence	поясъ (m) накаливанія zona (f) d'incandescenza zona (f) de incandescencia	*5*
Brenner (m) burner brûleur (m)	горѣлка (f) becco (m), beccuccio (m) quemador (m)	*6*
Brennerdüse (f) burner nozzle ajutage (m) de brûleur	сопло (n) *или* форсунка (f) горѣлки ugello (m) del becco tubito (m) del quemador	*7*
Brennerschlitz (m) burner slot fente (f) de brûleur	прорѣзъ (m) горѣлки fenditura (f) *o* intaglio (m) del becco hendidura (f) del quemador	*8*
Bunsenbrenner (m), Blaubrenner (m) Bunsen burner brûleur (m) de Bunsen	бунзеновская горѣлка (f) becco (m) di Bunsen quemador (m) de Bunsen	*9*
Asbestpfropfen (m) asbestos plug bouchon (m) *ou* goupillon (m) d'amiante	азбестовая пробка (f) tappo (m) d'amianto tapón (m) de amianto	*10*
Windkessel (m) air mixing chamber réservoir (m) d'air	воздушная камера (f) serbatoio (m) d'aria depósito (m) de aire	*11*

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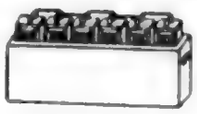
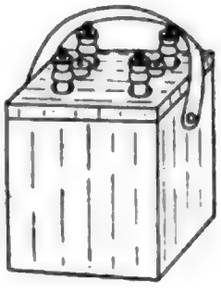
Laterne (f) zum Windschutz, Zündkammer (f) 1 combustion head, combustion chamber, chamber where mixture is ignited chambre (f) d'allumage		предохранительная отъ холоднаго воздуха камера (f) горѣлки lanterna (f) *o* schermo (m) di riparo alla fiamma contro il vento cámara (f) de encendido
Stromquelle (f) 2 source of current source (f) de courant		источникъ (m) тока sorgente (f) di corrente manantial (m) de electricidad
Akkumulator[en]-batterie (f) 3 accumulator battery batterie (f) d'accumulateurs		аккумуляторная батарея (f) batteria (f) di accumulatori bateria (f) de acumuladores
Zündbatterie (f) 4 ignition battery batterie (f) d'allumage		зажигательная батарея (f) batteria (f) d'accensione bateria (f) para el encendido
Ersatzbatterie (f), Reservebatterie (f) 5 spare battery batterie (f) de réserve		резервная батарея (f); запасная батарея batteria (f) di riserva bateria (f) de reserva
Verstärkungsbatterie (f) 6 auxiliary battery batterie (f) de renfort, batterie (f) auxiliaire		вспомогательная батарея (f) batteria (f) di rinforzo bateria (f) auxiliar
Primärelement (n) 7 primary battery élément (m) primaire, pile (f) primaire		первичный элементъ (m) elemento (m) primario, pila (f) pila (f) [primaria]
Trockenelement (n) 8 dry cell, pyle pile (f) sèche		сухой элементъ (m) pila (f) a secco pila (f) seca
Anschlußdraht (m) 9 connecting wire fil (m) connecteur *ou* de connexion	a	соединительная проволока (f) filo (m) di raccordo alambre (m) de conexión
Trockenbatterie (f) 10 dry battery batterie (f) de piles sèches		сухая батарея (f) batteria (f) di pile a secco bateria (f) de pilas secas

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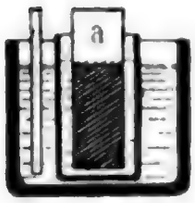
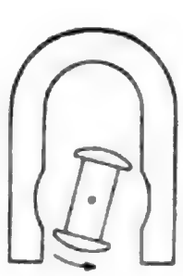
Elektrode (f) electrode, plate électrode (f)	 a	электродъ (m) elettrodo (m) electrodo (m)	1
Kohlenelektrode (f) carbon (electrode) électrode (f) de charbon	 a	угольный электродъ (m) elettrodo (m) di carbone electrodo (m) de carbón	2
Zinkgefäß (n) zinc vessel récipient (m) en zinc		цинковый сосудъ (m) recipiente (m) di zinco recipiente (m) de zinc	3
Verschlußmasse (f) sealing material mastic (m) pour boucher *ou* luter		масса (f), служащая для задѣлки materia (f) otturatrice, mastice (m) per otturare mastic (m) para tapar	4
Wechselstromgenerator (m) alternating current generator alternateur (m)		генераторъ (m) перемѣннаго тока; альтернаторъ (m) alternatore (m) alternador (m)	5
Magnetapparat (m), magnetelektrischer Apparat (m) electro-magnetic apparatus, magneto (A) magnéto (m)		магнето (n) apparato (m) magneto-elettrico, elettromagnete (m), magnete (m) magneto (m)	6
Induktor (m) ignition *or* induction coil inducteur (m)		индукторъ (m) induttore (m) inductor (m)	7
Magnetinduktor (m) magneto-ignition coil inducteur (m) à aimants permanents		магнитный индукторъ (m) induttore (m) magnetico, calamita (f) permanente, magnete (m) magneto (m) de imán permanente	8
Magnetinduktor (m) mit sich drehendem Anker magneto with rotating armature magnéto (m) à induit tournant		магнето (n) *или* магнитный индукторъ (m) съ вращающимся якоремъ magnete (m) ad indotto girevole magneto (m) de inducido giratorio	9

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1 Magnetinduktor (m) mit Kraftlinienleithülse
magneto with iron shield
magnéto (m) à volets [inducteurs] tubulaires

магнето (n) *или* магнитный индукторъ (m) съ заслонкой, проводящей силовыя линіи
magnete (m) a settori mobili
magneto (m) con tubo de dirección de las lineas de fuerza

2 feststehender Anker (m)
fixed armature
induit (m) fixe

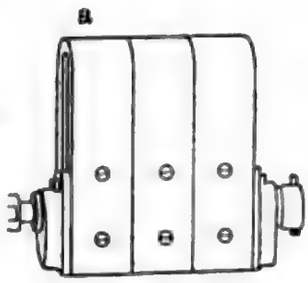
неподвижный якорь (m)
indotto (m) fisso
inducido (m) fijo

3 Kraftlinienleithülse (f)
iron shield
volet (m) (inducteur) tournant

заслонка (f), проводящая силовыя линіи
settore (m) mobile
aleta (f) inductora giratoria

a

4 Niederspannungsmagnet (m), Abreißmagnet (m)
low tension magneto
magnéto (m) pour rupteurs



магнето (n) низкаго напряженія; магнето для тока на отрывъ
magnete (m) a bassa tensione, magnete (m) per rottura
magneto (m) para ruptores

5 Hufeisenmagnet (m)
horse shoe magnet
aimant (m) en fer à cheval

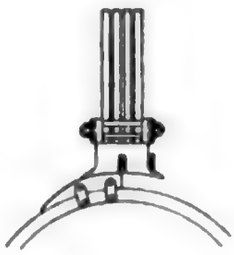
a

подковообразный магнитъ (m)
magnete (m) a ferro di cavallo
imán (m) en forma de herradura

6 Feldmagnet (m)
field magnet
aimant (m) inducteur

магнитный индукторъ (m); электромагнитъ (m)
magnete (m) di campo, magnete (m) induttore
imán (m) inductor

7 Schwungradmagnetinduktor (m)
flywheel magneto
magnéto-volant (m)



магнето (n) *или* магнитный индукторъ (m) въ маховикѣ
induttore (m) di magnete a volano
magneto-volante (m)

8 Lichtbogenmagnet (m)
high tension magneto
électro-aimant (m) à haute tension

магнето (n) высокаго напряженія
magnete (m) ad alta tensione, magnete (m) ad arco voltaico
electroimán (m) de alta tensión

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Grundplatte (f)
bed plate
plaque (f) d'assise

основная доска (f); основная плита (f)
piastra (f) di base
placa (f) de base

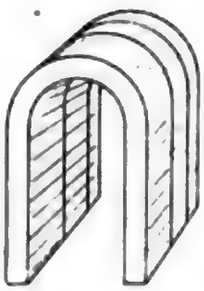
1

Magnetpaar (n)
pair of magnets
paire (f) d'aimants

магнитная пара (f)
paio (m) di magneti
par (m) de imanes

2

permanenter Stahlmagnet (m)
permanent steel magnet
aimant (m) permanent en acier



постоянный стальной магнитъ (m)
magnete (m) permanente di acciaio
imán (m) de acero permanente

3

einen Magneten umpolen (v) *oder* umpolarisieren (v) *oder* ummagnetisieren (v)
to change the polarity of a magnet
renverser (v) la polarité d'un aimant

перемагнитить магнитъ; перемѣнить полюсность магнита
invertire (v) la polarità d'un magnete
invertir (v) la polaridad de un imán

4

Polschuh (m)
pole shoe
pièce (f) *ou* épanouissement (m) polaire

полюсный наконечникъ (m)
espansione (f) polare
pieza (f) polar

5

Nordpol (m)
north pole
pôle (m) nord

сѣверный полюсъ (m)
polo (m) nord
polo (m) norte

6

N

Südpol (m)
south pole
pôle (m) sud

S

южный полюсъ (m)
polo (m) sud
polo (m) sud

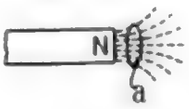
7

magnetische Kraftlinie (f)
magnetic line of force
ligne (f) de force magnétique

магнитная силовая линія (f)
linea (f) di forza magnetica
línea (f) de fuerza magnética

8

Kraftlinienbündel (n)
bundle of lines of force
faisceau (m) de lignes de force



a

пучокъ (m) силовыхъ линій
fascio (m) di linee di forza
haz (m) de líneas de fuerza

9

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1	Änderung (f) der Kraftlinienzahl in der Zeiteinheit variation of the number of lines of force per unit of time variation (f) du nombre de lignes de force pendant l'unité de temps	измѣненіе (n) числа силовыхъ линій въ единицу времени variazione (f) del numero delle linee di forza nell' unità di tempo variación (f) del número de líneas de fuerza en la unidad de tiempo
2	induzierte elektromotorische Kraft (f) induced electromotive force force (f) électromotrice induite	индуктированная электродвижущая сила (f) forza (f) elettromotrice indotta fuerza (f) electromotriz inducida
3	Anker (m) armature induit (m)	якорь (m) indotto (m), àncora (f) inducido (m), armadura (f)
4	vollständiger Anker (m) complete armature induit (m) complètement enroulé	полный якорь (m) indotto (m) completo inducido (m) con arrollamiento completo
5	drehender *oder* rotierender Anker (m) rotating *or* revolving armature induit (m) tournant	вращающійся якорь (m) indotto (m) girevole inducido (m) giratorio
6	Doppel-T-Anker (m) H-section armature, shuttle armature induit (m) en I *ou* en double T	якорь (m) съ двутавровымъ сердечникомъ; якорь Сименса indotto (m) a doppio T inducido (m) Siemens ó en I
7	lamellierter Anker (m) laminated armature induit (m) feuilleté *ou* lamellé	пластинчатый якорь (m) indotto (m) a lamelle inducido (m) de láminas
8	Ankereisen (n) armature iron fer (m) d'induit	желѣзо (n) якоря ferro (m) d'indotto hierro (m) del inducido
9	Ankerblech (n) core plate tôle (f) d'induit	якорная пластина (f) [для избѣжанія токовъ Фуко] lamiera (f) d'indotto chapa (f) de inducido
10	Zwischenlage (f) aus Isolierseide layer of insulating silk couche (f) intermédiaire en soie isolante	прокладка (f) изъ изолирующаго шёлка strato (m) interposto di seta isolante capa (f) intermedia de seda aisladora

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Ankerendscheibe (f) armature end (disc) plate flasque (m) d'induit		конечный дискъ (m) якоря disco (m) porta-indotto, disco (m) laterale dell'indotto placa (f) lateral del inducido	1
Ankerachse (f) armature spindle (axis) arbre (m) d'induit		ось (f) якоря albero (m) dell'indotto eje (m) del inducido	2
Ankerwicklung (f) armature winding enroulement (m) d'induit, bobinage (m) d'induit		обмотка (f) якоря avvolgimento (m) dell'indotto arrollamiento (m) del inducido	3
Wicklungsende (n) end of winding extrémité (f) du bobinage *ou* de l'enroulement	a, b	конецъ (m) обмотки estremità (f) dell'avvolgimento extremidad (f) del arrollamiento	4
Drahtwindung (f) wire loop *or* turn tour (m) *ou* spire (f) de fil		витокъ (m) изъ проволоки spira (f) di fil di ferro espira (f) de alambre	5
offene Wicklung (f) open winding enroulement (m) *ou* bobinage (m) ouvert		разомкнутая обмотка (f) avvolgimento (m) aperto arrollamiento (m) abierto	6
geschlossene Wicklung (f) closed winding enroulement (m) *ou* bobinage (m) fermé		замкнутая обмотка (f) avvolgimento (m) chiuso arrollamiento (m) cerrado	7
Drehrichtung (f) direction of rotation sens (m) de rotation	b a	направленіе (n) вращенія senso (m) di rotazione sentido (m) de rotación	8
rechtslaufend turning right-handedly, turning clockwise tournant à droite	a	вращающійся вправо ruotante *o* girante a destra girando á la derecha	9
linkslaufend turning left-handedly *or* anti-clockwise tournant à gauche	b	вращающійся влѣво ruotante *o* girante a sinistra girando á la izquierda	10
Lagerflansch (m) bearing flange palier (m) rapporté		фланецъ (m) подшипника flangia (f) di sopporto brida (f) de soporte	11

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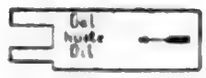
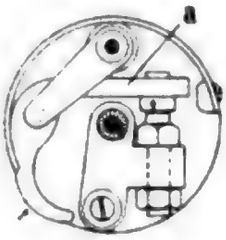
Ringschmierlager (n) bearing with oil rings 1 palier (m) graisseur à bagues, palier (m) à graissage par bagues		подшипникъ (m) съ кольцевой смазкой sopporto (m) con lubrificatore ad anello soporte (m) de engrase por anillos
Öldeckel (m) 2 oil cover couvercle (m) de graissage		крышка (f) маслёнки coperchio (m) dell'orifizio di lubrificazione tapa (f) de engrase
äußerer Laufring (m) outer race 3 bague (f) de roulement extérieure		внѣшняя обойма (f) *или* внѣшнее кольцо (n) катанія anello (m) porta-sfere esterno anillo (m) exterior de rodadura
innerer Laufring (m) inner race 4 bague (f) de roulement intérieure		внутренняя обойма (f) *или* внутреннее кольцо (n) катанія anello (m) porta-sfere interno anillo (m) interior de rodadura
Kugelkäfig (m) 5 ball cage cage (f) à billes		шариковый элементъ (m); кольцевая рама (f) съ шариками gabbia (f) per sfere jaula (f) de las bolas
Preßspanstreifen (m) compressed *or* glazed 6 cardboard bande (f) de carton comprimé		полоса (f) изъ прессованнаго картона; полоса изъ прешпана striscia (f) di cartone compresso cinta (f) de cartón comprimido
Preßspanring (m) ring of compressed card- 7 board bague (f) en carton comprimé		кольцо (n) изъ прессованнаго картона; кольцо изъ прешпана anello (m) di cartone compresso anillo (m) de cartón comprimido
Dochtschraube (f) 8 wick screw vis (f) à mèche		винтъ (m) для фитиля vite (f) da stoppino tornillo (m) de mecha
Filzdocht (m) 9 felt wick mèche (f) en feutre		войлочный фитиль (m) stoppino (m) di feltro mecha (f) de fieltro
Unterbrecherscheibe (f) commutator, make and 10 break device disque (m) d'interruption, distributeur (m)		распредѣлитель (m) disco (m) distributore disco (m) de interrupción, distribuidor (m)

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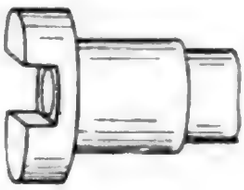
Unterbrechungsstelle (f) point of interruption point (m) d'interruption		мѣсто (n) перерыва punto (m) d'interruzione punto (m) de interrupción	1
Unterbrecherhebel (m) interrupter lever levier (m) interrupteur	a	рычагъ (m) прерывателя leva (f) interruttrice palanca (f) de interrupción	2
Kohle[n]kontakt (m) carbon contact contact (m) en charbon		угольный контактъ (m) contatto (m) di carbone contacto (m) de carbón	3
Kohlenbürste (f), Schleifkohle (f) carbon brush balai (m) de charbon		угольная щётка (f); контактный уголёкъ spazzola (f) di carbone escobilla (f) de carbón	4
Körperschlußklemme (f) earth connection contact contact (m) de mise à la masse		зажимъ (m) или клемма (f) для сообщенія съ массой contatto (m) colla massa contacto (m) con la masa	5
Schleifring (m) slip ring bague (f) de frottement		скользящее контактное кольцо (n) anello (m) collettore anillo (m) colector	6
Isolationsstück (n) piece of insulation pièce (f) isolante		изоляторъ (m) pezzo (m) isolante pieza (f) aisladora	7
Unterlagscheibe (f) washer rondelle (f) d'épaisseur		подкладная шайба (f) piastrina (f) interposta ovalillo (m)	8
Achsenkegel (m) spindle cone cône (m) d'axe		осевой конусъ (m) cono (m) dell'asse cono (m) de eje	9
Antriebszahnrad (n) driving pinion roue (f) dentée de commande		приводное зубчатое колесо (n) ruota (f) dentata di comando rueda (f) dentada de mando	10
Antriebsklaue (f) driving claw, dog clutch, claw coupling griffe (f) de commande		приводная лапа (f); приводная цапфа (f) arpione (m) di comando garra (f) de mando	11
Blattfeder (f) plate spring ressort (m) à lame		листовая пружина (f) molla (f) a lamina muelle (m) de hoja	12
Mitnehmer (m), Mitnehmerplatte (f) cam, lifter entraîneur (m)		палецъ (m); лодыжка (f); кулакъ (m) piastra (f) d'accoppiamento disposición (f) de arrastre, arrastrador (m)	13

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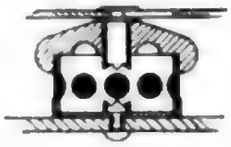
1 Sicherungsring (m), Sicherheitsring (m)
guard ring
bague (f) de sûreté

предохранительное кольцо (n)
anello (m) di sicurezza
anillo (m) de seguridad

2 Zentrier[ungs]ring (m)
centring ring
bague (f) de centrage

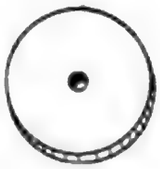
центрирующее кольцо (n)
anello (m) centratore
anillo (m) de centrar

3 Sicherheitsfunkenstrecke (f)
safety spark gap
distance (f) explosive de sûreté, longueur (f) d'étincelle indispensable



предохранительный искровой промежутокъ (m)
distanza (f) esplosiva di sicurezza
distancia (f) explosiva de seguridad ó necesaria

4 Fiberrolle (f)
fibre roller
bobine (f) en fibre



роликъ (m) изъ фибры
rocchetto (m) di fibra
bobina (f) de fibra

5 Steckkontakt (m), Kontaktstöpsel (m)
plug contact
contact (m) à fiche

штепсельный контактъ (m); контактный штепсель (m)
contatto (m) ad innesto
interruptor (m) de clavija

6 Anschlußstöpsel (m)
connecting plug
fiche (f) de contact

соединительный штепсель (m)
spina (f) di contatto
clavija (f) de conexión

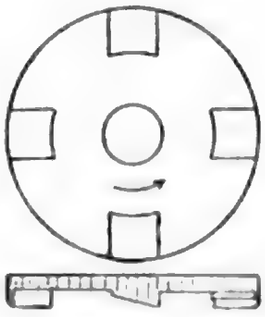
7 Stromführungsbrücke(f)
conducting bridge
pièce (f) de connexion (en forme d'étrier)

токопроводящій мостикъ (m)
ponte (m) di corrente, ponticello (m) di filo per incrocio di corrente
pieza (f) de conexión (en forma de estribo)

8 Stromleitungsschiene (f), Stromleitungsbügel (m)
conducting bridge, connecting piece
barre (f) conductrice, étrier (m) de connexion

токопроводящій хомутикъ (m)
sbarra (f) conduttrice
barra (f) conductora, estribo (m) de conexión

9 Nockenscheibe (f)
cam disc
came (f)



кулачная шайба (f)
eccentrico (m), bocciuolo (m)
leva (f)

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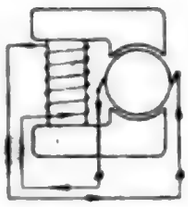
Schutzkapsel (f) für Unterbrecher
cover for interrupter
capsule (f) protectrice de rupteur

предохранительная крышка (f) прерывателя
capsula (f) di protezione della interruzione
tapa (f) del ruptor 1

Verschlußkapsel (f)
cover
capsule (f) de fermeture

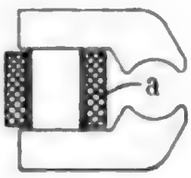
колпачокъ (m)
capsula (f) di chiusura
cápsula (f) de cierre 2

Gleichstromnebenschlußgenerator (m)
continuous current shunt dynamo
générateur (m) à courant continu excité en dérivation



генераторъ (m) постояннаго тока съ параллельнымъ *или* съ шунтовымъ возбужденіемъ
generatore (m) a corrente continua in derivazione
generador (m) de corriente continua excitado en derivación 3

Feldwicklung (f), Schenkelwicklung (f)
field winding
enroulement (m) de champ *ou* d'inducteur



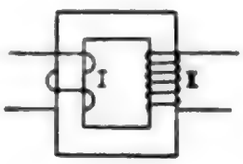
a

обмотка (f) электромагнитовъ
avvolgimento (m) del campo
arrollamiento (m) del inductor 4

Schwunggewicht (n)
balance weight
poids (m) du volant

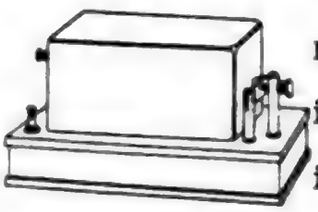
уравновѣшивающій вѣсъ (m) маховика
peso (m) (equivalente) del volante
peso (m) del volante 5

Umformer (m), Transformator (m)
transformer
transformateur (m)



преобразователь (m); трансформаторъ (m)
trasformatore (m)
transformador (m) 6

Funkeninduktor (m)
induction coil
bobine (f) d'induction à étincelles



индукторъ (m); индукціонная катушка (f)
induttore (m) per scintille
inductor (m) de chispas 7

Spule (f)
coil, bobbin
bobine (f)

катушка (f); бобина (f)
bobina (f), rocchetto (m)
carrete (m), bobina (f) 8

Drahtspule (f)
coil of wire
bobine (f) de fil

проволочная катушка (f)
rocchetto (m) di filo metallico
carrete (m) de alambre 9

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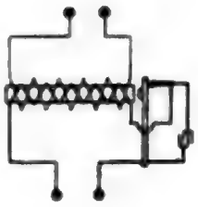
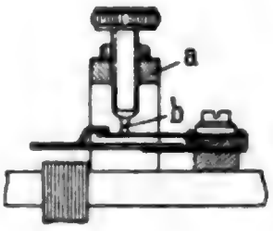
1 Induktionsspule (f) induction coil bobine (f) d'induction		индукціонная катушка (f) rocchetto (m) d'induzione carrete (m) de inducción
2 Induktionsapparat (m) induction apparatus appareil (m) d'induction		индукціонный аппаратъ (m) apparecchio (m) d'induzione aparato (m) inductor
3 Unterbrecher (m) (Trembleur (m)) für Zündspulen trembler for ignition coils interrupteur (m) *ou* trembleur (m) pour bobines d'allumage		прерыватель (m) для зажигательныхъ *или* для запальныхъ катушекъ; трамблёръ (m) для бобинъ interruttore (m) per rocchetto d'accensione temblador (m) *ó* interruptor (m) para carretes de encendido
4 Brücke (f) bridge étrier (m) (de trembleur)	a	мостикъ (m) ponte (m) estribo (m) del temblador
5 Platinkontakt (m) platinum contact contact (m) en platine	b	платиновый контактъ (m) molla (f) a lamina con contatto di platino contacto (m) de platino
6 massiver Eisenkern (m) solid iron core noyau (m) de fer massif		массивный желѣзный сердечникъ (m) nucleo (m) di ferro massiccio núcleo (m) de hierro macizo
7 unterteilter Eisenkern (m) laminated iron core noyau (m) de fer sectionné *ou* divisé *ou* feuilleté		листовой желѣзный сердечникъ (m) nucleo (m) di ferro diviso núcleo (m) de hierro dividido por láminas
8 Drahtkern (m) wire core noyau (m) en fil métallique		проволочный сердечникъ (m) nucleo (m) di fil di ferro núcleo (m) de alambre
9 Primärwicklung (f) primary winding enroulement (m) primaire		первичная обмотка (f) avvolgimento (m) primario arrollamiento (m) primario
10 Primärstrom (m) primary current courant (m) primaire		первичный токъ (m) corrente (f) primaria corriente (f) primaria

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Sekundärwicklung (f)
secondary winding
enroulement (m) secondaire

вторичная обмотка (f)
avvolgimento (m) secondario
arrollamiento (m) secundario
1

Sekundärstrom (m)
secondary current
courant (m) secondaire

вторичный токъ (m)
corrente (f) secondaria
corriente (f) secundaria
2

scheibenförmige Spule (f), Flachspule (f)
flat coils (pl)
bobine (f) plate

дискообразная катушка (f); плоская катушка
rocchetto (m) a disco
bobina (f) plana
3

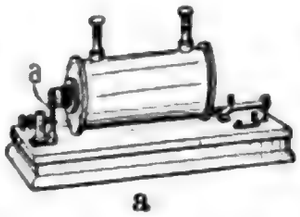
Spulenkörper (m)
bobbin
noyau (m) de bobine

корпусъ (m) катушки; тѣло (n) катушки
corpo (m) del rocchetto
núcleo (m) del carrete
4

Isolierung (f) durch Paraffin
insulation by means of paraffin
isolement (m) à la paraffine

изоляція (f) параффиномъ
isolamento (m) con paraffina
aislamiento (m) por parafina
5

Wagnerscher Hammer (m)
Wagner's hammer
marteau (m) de Wagner



a

вагнеровскій молоточекъ (m)
martelletto (m) del Wagner
martillo (m) de Wagner
6

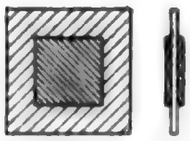
Neefscher Hammer (m)
Neef's hammer
marteau (m) de Neef

нефовскій молоточекъ (m)
martelletto (m) del Neef
interruptor (m) de martillo, interruptor (m) [de] Neef
7

Selbstinduktionsspule (f)
self-induction coil
bobine (f) de self[-induction]

реактивная катушка (f); катушка съ самоиндукціей
rocchetto (m) di self-induzione
carrete (m) de autoinducción
8

Kondensator (m)
condenser
condensateur (m)



конденсаторъ (m)
condensatore (m)
condensador (m)
9

Kondensatorplatte (f)
condenser plate
plaque (f) de condensateur

пластинка (f) конденсатора
piastra (f) del condensatore
placa (f) de condensador
10

Kondensatorpaket (n)
set of condenser plates
paquet (m) de plaques de condensateur

комплектъ (m) пластинъ конденсатора
pacchetto (m) di lamine del condensatore
paquete (m) de placas de condensador
11

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1	angelöteter Verbindungsstreifen (m) soldered connecting strip bande (f) de connexion soudée	припаянная соединительная полоса (f) nastro (m) di congiunzione saldato tira (f) de conexión soldada
2	Stanniolplatte (f) tin foil plaque (f) en feuille d'étain	станіолевая пластинка (f); пластинка изъ оловянной фольги foglio (m) di stagnola placa (f) de hoja de estaño
3	Kondensatorkasten (m) condenser box boîte (f) de condensateur	ящикъ (m) конденсатора astuccio (m) del condensatore caja (f) de condensador
4	elektrostatische Ladung (f) electrostatic charge charge (f) électrostatique	электростатическій зарядъ (m) carica (f) elettrostatica carga (f) electrostática
5	Glimmerplatte (f) mica sheet plaque (f) de mica, feuille (f) de mica	слюдяная *или* слюдовая пластинка (f) piastra (f) di mica placa (f) de mica, hoja (f) de mica
6	Segment (n) zur Zündverstellung quadrant *or* segment for adjusting ignition secteur (m) à crans pour le réglage de l'allumage	секторъ (m) для перестановки зажиганія; секторъ для измѣненія момента зажиганія segmento (m) per la regolazione dell'accensione sector (m) (de muescas) para la regulación del encendido
7	Stromverteiler (m) mit Schleifkontakt current distributor with sliding contact distributeur (m) de courant à contact frottant *ou* à frotteur	распредѣлитель (m) тока со скользящимъ контактомъ distributore (m) di corrente con contatto a frizione distribuidor (m) de corriente por contacto de frotamiento ó frotador
8	Stromverteiler (m) mit Rollenkontakt commutator *or* current distributor with roller contact distributeur (m) de courant avec contact à galet	распредѣлитель (m) тока съ роликовымъ контактомъ distributore (m) di corrente con contatto a rullo distribuidor (m) de corriente por contacto de ruedecilla

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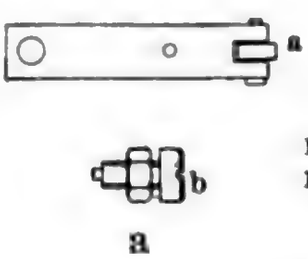
Primärstromverteiler (m) primary current distributor distributeur (m) [de courant] primaire		первичный распредѣлитель (m) тока distributore (m) del primario distribuidor (m) de corriente primaria	1
Primärausschalter (m) primary interrupter interrupteur (m) primaire		первичный прерыватель (m) *или* выключатель (m) interruttore (m) del primario interruptor (m) primario	2
Kontaktrolle (f) contact roller galet (m) de contact	a	контактный роликъ (m) rullo (m) di contatto ruedecilla (f) de contacto	3
Kontakthebel (m) contact lever levier (m) de contact	b	контактный рычагъ (m) leva (f) di contatto palanca (f) de contacto	4
Kontaktstück (n) contact piece pièce (f) de contact, plot (m)	c	контактъ (m) pezzo (m) di contatto pieza (f) de contacto	5
Metallsegment (n) metal segment segment (m) métallique		металлическій сегментъ (m) segmento (m) metallico segmento (m) metálico	6
Verteilergehäuse (n) distributor case enveloppe (f) de distributeur		коробка (f) распредѣлителя cassetta (f) del distributore caja (f) de distribuidor	7
Kontaktfeder (f), Unterbrecherfeder (f) contact spring ressort (m) de contact		контактная пружина (f); пружина прерывателя molla (f) di contatto muelle (m) *ó* resorte (m) de contacto	8
Schleiffeder (f) sliding spring ressort (m) frottant		скользящая пружина (f) molla (f) di frizione muelle (m) frotante	9
Kontaktschraube (f) contact screw vis (f) de contact	b	контактный винтъ (m) vite (f) di contatto tornillo (m) de contacto	10
Klemmenschutzkappe (f) terminal cover chapeau (m) protecteur des bornes		предохранительная крышка (f) для зажимовъ cappello (m) protettore dei serrafili sombrerete (m) de protección para bornese	11

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1 Kontaktstift (m)
contact pin
cheville (f) de contact

контактный штифтъ (m)
spina (f) di contatto
clavija (f) de contacto

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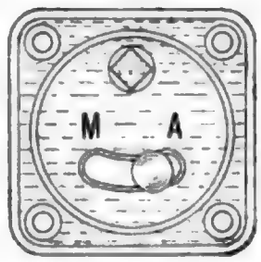
2 Lenkradschalter (m)
switch on the steering wheel
interrupteur (m) sur le volant de direction

прерыватель (m) *или* выключатель (m) на рулевое колесо
interruttore (m) al volante di direzione
interruptor (m) sobre el volante de dirección



3 Umschalter (m)
change-over switch, double throw switch
commutateur (m)

переключатель (m)
commutatore (m)
conmutador (m)

---

4 Schalter (m), Ausschalter (m)
switch, cut-out
commutateur (m), interrupteur (m)

выключатель (m)
interruttore (m)
interruptor (m)

---

5 Schaltknopf (m)
button switch
bouton (m) de commutateur *ou* [d']interrupteur

кнопка (f) выключателя
bottone (m) del commutatore
botón (m) de conmutador *ó* de interruptor

---

6 Kupferdraht (m)
copper wire
fil (m) de cuivre

мѣдная проволока (f)
filo (m) di rame
alambre (m) de cobre

---

7 Eisendraht (m)
iron wire
fil (m) de fer

желѣзная проволока (f)
filo (m) di ferro
alambre (m) de hierro

---

8 Nickelindraht (m)
nickelin wire
fil (m) de nickeline

никкелиновая проволока (f)
filo (m) di nichelina
alambre (m) de niquelina

---

9 blanker Draht (m)
bare wire
fil (m) nu

голая проволока (f)
filo (m) nudo
alambre (m) nudo

---

10 Leitungsdraht (m)
conductor, conducting wire
[fil (m)] conducteur (m)

проводъ (m)
filo (m) conduttore
alambre (m) conductor

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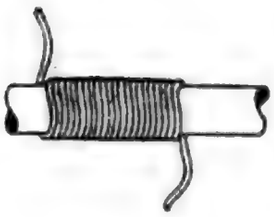
besponnener Leitungsdraht (m)
covered wire
[fil (m)] conducteur (m) guipé



обмотанный проводъ (m)
filo (m) conduttore ricoperto
alambre (m) conductor recubierto en espiral
1

---

umklöppelter Leitungsdraht (m)
braided wire
[fil (m)] conducteur (m) tressé

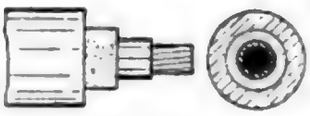
оплетённый проводъ (m)
filo (m) conduttore intrecciato
alambre (m) conductor recubierto de hilos aisladores trenzados
2

---

gummiumpreßter Leitungsdraht (m)
rubber insulated wire
[fil (m)] conducteur (m) caoutchouté à la presse

проводъ (m) съ резиновой изоляціей
filo (m) conduttore coperto di gomma compressa
alambre (m) conductor de revestimiento de caucho
3

Hochspannungskabel (n)
high tension cable
câble (m) de haute tension



кабель (m) высокаго напряженія
cavo (m) d'alta tensione
cable (m) de alta tensión
4

Gummikabel (n)
rubber insulated cable
câble (m) sous caoutchouc

резиновый кабель (m); кабель съ резиновой изоляціей
cavo (m) isolato e ricoperto di gomma
cable (m) con envuelta de caucho
5

Litze (f)
strand
cordon (m)

a

[проволочный] жгутъ (m)
cordone (m)
cordón (m)
6

Zündkabel (n)
ignition cable
câble (m) d'allumage

кабель (m) для зажиганія *или* для запала
cavo (m) d'accensione
cable (m) de encendido
7

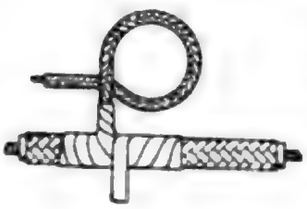
Ersatzkabel (n), Reservekabel (n)
spare cable
câble (m) de réserve

запасный кабель (m)
cavo (m) di riserva
cable (m) de reserva
8

Kabelschuh (m)
cable thimble *or* socket
raccord (m) de câble

кабельный наконечникъ (m)
testa (f) di cavo
terminal (m)
9

Drahtverbindung (f)
wire connection *or* joint
ligature (f) de fils, connexion (f) de fils



сращиваніе (n) проводовъ
collegamento (m) dei fili
empalme (m) de alambres, ligadura (f)
10

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1 Drahtklemme (f), Drahthalter (m)
terminal
serre-fil (m), borne (f)

проволочный зажимъ (m); контактная стойка (f)
serrafilo (m), morsetto (m)
borne (m)

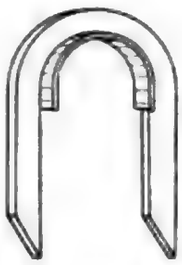
2 Einführungsbüchse (f)
chafing sleeve
manchon (m) d'introduction

вводная втулка (f)
manicotto (m) d'introduzione
manguito (m) de introducción

3 Isolation (f)
insulation
isolement (m)

изоляція (f)
isolamento (m)
aislamiento (m)

4 isolierte Drahtkrampe (f)
insulated staple
cavalier (m) isolant pour fils



изолированная проволочная скоба (f); изолированный проволочный крючокъ (m) *или* штифтъ (m)
cavalletto (m) isolante per fili
gancho (m) de alambre aislado

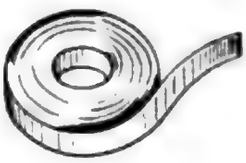
5 Isolierstoff (m), Isoliermaterial (n)
insulating material
isolant (m), matière (f) isolante

изолирующее вещество (n); изоляціонный матеріалъ (m)
isolante (m), materia (f) isolante
materia (f) aislante

6 Isolator (m)
insulator
isolateur (m)

изоляторъ (m)
isolatore (m)
aislador (m)

7 Paraband (n)
para tape
ruban (m) de caoutchouc Para



пара-лента (f) [изолировочная лента]
nastro (m) di gomma para
cinta (f) de goma Pará

8 Asbestfaden (m)
asbestos thread
fil (m) d'amiante

азбестовая нить (f)
filo (m) d'amianto
hilo (n) de amianto

9 Asbestgewebe (n)
asbestos cloth
toile (f) *ou* tissu (m) d'amiante *ou* d'asbeste

азбестовая ткань (f)
tessuto (m) d'amianto
tela (f) de amianto

10 Befestigungsklemme (f)
clamp *or* screw terminal
borne (f) de fixation

зажимъ (m) [для прикрѣпленія]
morsetto (m) d'attacco
borne (m) de sujeción

11 Funkengeber (m)
spark producer
producteur (m) d'étincelles

искрообразователь (m); производитель (m) искры
produttore (m) di scintille
productor (m) de chispas

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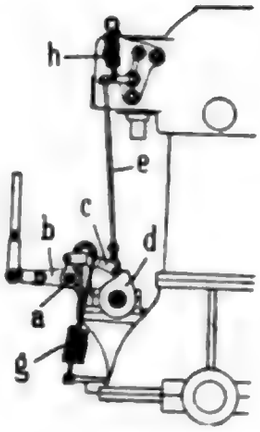
Lichtbogen (m) arc arc (m) électrique *ou* voltaïque		вольтова дуга (f): свѣтовая дуга arco (m) voltaico arco (m) voltáico	*1*
der Funke reißt ab the spark breaks l'étincelle se rompt		искра (f) обрывается la scintilla si rompe la chispa se rompe	*2*
mechanisch betätigter Abreißer (m) mechanical break rupteur (m) mécanique		механическій отрыватель (m) interruttore (m) meccanico ruptor (m) mecánico	*3*
Bewegungsmechanismus (m) mechanism mécanisme (m) d'actionnement		двигательный механизмъ (m) meccanismo (m) di comando mecanismo (m) de mando	*4*
Welle (f) (Achse (f)) zur Zündverstellung timing shaft arbre (m) de réglage de l'allumage	a	валъ (m) для перестановки момента зажиганія; ось для перевода момента запала albero (m) per la regolazione dell' accensione árbol (m) de regulación del encendido	*5*
Winkelhebel (m) bell crank lever levier (m) coudé	b	угловой рычагъ (m) leva (f) a squadra palanca (f) en escuadra	*6*
Schleifhebel (m) sliding lever levier (m) frottant	c	скользящій рычагъ (m) leva (f) a frizione palanca (f) de deslizamiento	*7*
Mitnehmer (m), Nase (f), Nocken (m) catch, carrier, hit and miss plate entraîneur (m), came (f)	d	палецъ (m) nasello (m), eccentrico (m) leva (f)	*8*
Zündnocken (m), Steuerknagge (f) make and break cam, wiper, tappet came (f) de distribution (d'allumage)		кулакъ (m) распредѣлителя eccentrico (m) di distribuzione leva (f) de distribución (del encendido)	*9*
Abreißgestänge (n) make and break gear tiges (f pl) de rupteur	e	отрывной механизмъ (m) aste (f pl) d'interruttore varillas (f pl) de rupto'	*10*

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1	Zündstange (f) ignition rod tige (f) de rupteur		отрывная тяга (f); отрывной стержень (m) asta (f) d'accensione varilla (f) de ruptor
2	Rückzugfeder (f) spring to pull off ressort (m) de rappel	g	оттягивающая пружина (f); контръ-пружина molla (f) di richiamo resorte (m) antagonista
3	Abreißfeder (f) spring to break ressort (m) de rupture	h	пружина (f) отрывателя molla (f) di rottura resorte (m) ó muelle (m) de ruptura
4	Zündgehäuse (n) spark plug body bouchon (m) porte-bougie	a	коробка (f) зажиганія *или* запала inviluppo (m) d'accensione tapón (m) porta-bujía
5	Federgalgen (m) spring bracket *or* carrier potence (f) de ressort	a	держатель (m) *или* кронштейнъ (m) для пружины potenza (f) della molla brazo (m) de suspensión del resorte
6	Zündflansch (m) anvil *or* sparking piece tampon (m) d'allumage		зажигательный *или* запальный патронъ (m); отрывной тампонъ (m) flangia (f) d'accensione tapón (m) de encendido
7	Züudflanschkerze (f), Kerze (f) für den Zündflansch sparking plug bougie (f) pour tampon d'allumage		свѣча (f) для зажигательнаго патрона *или* тампона candela (f) d'accensione con tappo bujía (f) para tapón de encendido
8	Zündstift (m) ignition pin cheville (f) d'allumage		штифтъ (m) зажиганія; запальный штифтъ stelo (m) d'accensione clavija (f) de encendido
9	Zünderbrücke (f) spark gap pont (m) d'allumage		мостикъ (m) зажигательнаго *или* запальнаго прибора ponte (m) d'accensione puente (m) de encendido
10	Speckstein (m) steatite stéatite (f)		стеатитъ (m); жировикъ (m); талькъ (m); мыловка (f) steatite (f) esteatita (f)

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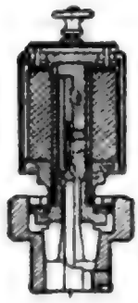
Speckstеinkegel (m), Speckstеinkonus (m), Steatitkegel (m)
steatite cone
cône (m) en stéatite

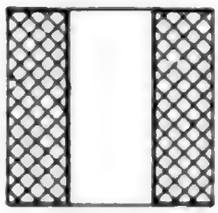
стеатитовый конусъ (m)
cono (m) di steatite
cono (m) de esteatita
1

elektrisch betätigter Abreißer (m)
electrically actuated break
rupteur (m) à commande électrique



электро-магнитный отрыватель (m); электромагнитная свѣча (f)
interruttore (m) a comando elettrico
ruptor (m) [de mando] eléctrico
2

Magnetspule (f)
magnet coil
bobine (f) d'électro-aimant



электромагнитная катушка (f)
rocchetto (m) del magnete
carrete (m) de electroimán
3

Stromzuführungsring (m)
conducting ring
bague (f) d'amenée de courant

токоподводящее кольцо (n)
anello (m) conduttore di corrente
anillo (m) conductor de corriente
4

Stopfbüchse (f)
stuffing box
boîte (f) à bourrage

сальникъ (m)
scatola (f) di tenuta
caja (f) de estopas, caja (f) de empaquetadura
5

Porzellanisolator (m), Isolierkörper (m) aus Porzellan
porcelain insulator
isolateur (m) en porcelaine

фарфоровый изоляторъ (m)
isolatore (m) di porcellana
aislador (m) de porcelana
6

Verpackung (f), Dichtung (f)
packing
bourrage (m), garniture (f)

прокладка (f)
tenuta (f)
empaquetadura (f), guarnición (f)
7

Porzellankerze (f)
porcelain sparking plug
bougie (f) en porcelaine

фарфоровая свѣча (f)
candela (f) di porcellana
bujía (f) de porcelana
8

Glimmerkerze (f)
mica sparking plug
bougie (f) en mica

слюдяная *или* слюдовая свѣча (f)
candela (f) di mica
bujía (f) de mica
9

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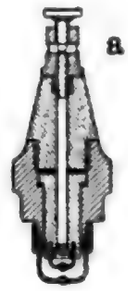
1 Kerze (f) mit Doppelfunken
plug with double spark
bougie (f) à étincelle double

свѣча (f) съ двойной искрой
candela (f) a scintilla doppia
bujía (f) de doble chispa

2 Kerze (f) mit sternförmiger Elektrode
sparking plug with star shaped electrode
bougie (f) avec électrode en forme d'étoile

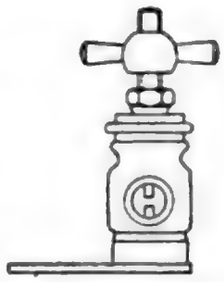
свѣча (f) со звѣздчатымъ электродомъ
candela (f) con elettrodo stelliforme
bujía (f) con electrodo en forma de estrella

3 Vorschaltfunke (m)
series spark
étincelle (f) témoin *ou* en série



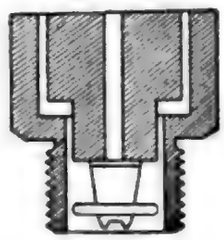
добавочная искра (f)
scintilla (f) preventiva
chispa (f) de prueba *ó* en serie

4 Vorschaltfunkenstrecke (f)
series spark gap
distance (f) d'éclatement de l'étincelle témoin *ou* en série



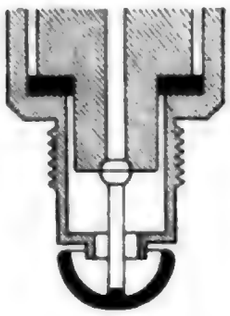
добавочный искровый промежутокъ (m); контрольный искровый промежутокъ
distanza (f) esplosiva per scintilla preventiva
distancia (f) explosiva de la chispa de prueba *ó* en serie

5 Zündkerze (f) mit Ring- und Scheibenelektrode
spark plug with ring and disc electrode
bougie (f) avec électrode à bague et disque



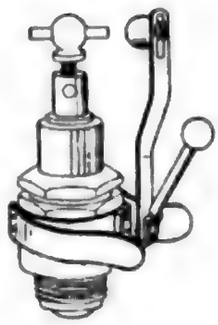
свѣча (f) съ кольцевымъ и дисковымъ электродами
candela (f) con elettrodi ad anello e disco
bujía (f) con electrodo de anillo y disco

6 Zündkerze (f) mit Halbkugelelektrode
spark plug with spherical electrode
bougie (f) d'allumage avec électrode à hémisphérique



свѣча (f) съ полушаровымъ электродомъ
candela (f) con elettrodo semisferico
bujía (f) con electrodo semi-esférico

7 Zündkerzenkurzschließer (m), Zündstromableiter (m)
plug short-circuiting device
court-circuiteur (m) de bougie



замыкатель (m) »на массу«
apparecchio (m) di corto-circuito della candela
aparato (m) para poner la bujía en circuito corto

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Luftisolation (f)
air insulation
isolement (m) d'air

изоляція (f) воздухомъ
isolamento (m) con aria 1
aislamiento (m) de aire

Ruß (m)
soot
suie (f)

сажа (f); копоть (f)
fuliggine (f), 2
hollín (m)

Rußansatz (m)
deposit of soot
dépôt (m) adhérent de suie

налётъ (m) копоти; налётъ сажи; нагаръ (m)
deposito (m) di fuliggine 3
depósito (m) de hollín

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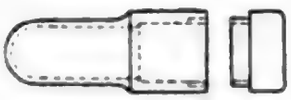
zerspringen (v)
to crack
éclater (v), voler (v) en éclats

треснуть
scoppiare (v) 4
estallar (v)

Verrußen (n) der Zündkerze
sooting of the spark plug
encrassement (m) d'une bougie d'allumage par la suie

покрываніе (n) свѣчи копотью; »свѣча (f) закоптѣла«
imbrattamento (m) di fuliggine nella candela 5
formación (f) de un depósito de hollín sobre la bujía

Schutzhülse (f) für Zündkerzen
protecting box for spark plug
douille (f) protectrice pour bougies d'allumage



предохранительный футляръ (m) для свѣчей
manicotto (m) di protezione per la candela 6
tubo (m) protector para bujía de encendido

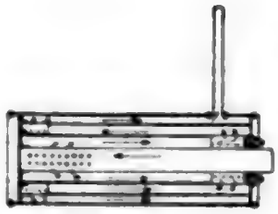
Auspuff
Exhaust
Echappement

Выхлопъ; выпускъ
Scappamento, scarico 7
Escape

auspuffen (v)
to exhaust
s'échapper (v)

выпускать; вытекать
scappare (v), scaricarsi (v) 8
escapar[se] (v)

Auspufftopf (m), Schalldämpfer (m)
silencer, exhaust box, muffler (A)
pot (m) d'échappement, silencieux (m)



выхлопной *или* выпускной горшокъ (m); глушитель (m)
bariletto (m) di scappamento, marmitta (f) *o* camera (f) di scarico 9
silencioso (m)

Auspuffrohr (n)
exhaust pipe
tuyau (m) d'échappement

a

выхлопная *или* выпускная труба (f)
tubo (m) di scappamento 10
tubo (m) de escape

Auspuffleitung (f)
exhaust piping
conduite (f) d'échappement

выхлопной *или* выпускной трубопроводъ (m)
tubazione (f) di scappamento, condotto (m) di scarico 11
conducto (m) de escape

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1	Auspuffventil (n), Auslaßventil (n) exhaust valve soupape (f) d'échappement	выхлопной *или* выпускной клапанъ (m) valvola (f) di scappamento válvula (f) de escape
2	Auspuffstutzen (m) exhaust pipe tubulure (f) d'échappement	выхлопной патрубокъ (m); выпускной штуцеръ (m) tubo (m) di scappamento tubuladura (f) de escape
3	Auspuffstutzen (m) mit angegossenem Luftvorwärmemantel exhaust pipe with air heating jacket cast on tubulure (f) d'échappement coulée d'une pièce avec une chemise de réchauffage d'air	выхлопной патрубокъ (m) *или* выпускной штуцеръ (m) съ прилитымъ кожухомъ для подогрѣва воздуха tubo (m) di scappamento fuso in un pezzo solo colla scatola di presa d'aria calda tubuladura (f) de escape fundida en una pieza con una camisa de recalentamiento del aire
4	Auspuffstutzen (m) mit angegossenen Kühlrippen exhaust pipe with cooling ribs cast on tubulure (f) d'échappement avec ailettes de refroidissement venues de fonte	выхлопной патрубокъ (m) *или* выпускной штуцеръ (m) съ прилитыми охлаждающими рёбрами tubo (m) di scappamento fuso colle nervature di raffreddamento tubuladura (f) de escape de fundición con aletas de refrigeración
5	Kühlrippe (f) cooling rib ailette (f) de refroidissement	охлаждающее ребро (n) nervatura (f) di raffreddamento aleta (f) de refrigeración
6	Kröpfung (f) bend, elbow coude (m)	колѣно (n); отводъ (m) gomito (m) codo (m)
7	Auspuffkrümmer (m) bend in exhaust pipe coude (m) d'échappement	выхлопное колѣно (n); выпускной отводъ (m) gomito (m) di scappamento codo (m) de escape
8	Anschlußflansch (m) connecting flange bride (f) de raccordement	соединительный фланецъ (m) flangia (f) d'attacco brida (f) de unión
9	Auspuffgeräusch (n) noise of the exhaust bruit (m) d'échappement	шумъ (m) при выпускѣ [въ атмосферу] rumore (m) dello scappamento ruido (m) del escape

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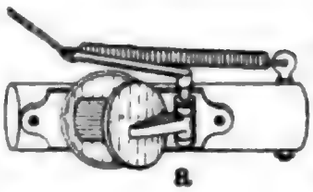
Auspuffgas (n), Abgas (n), verbranntes Gas (n)
exhaust gas
gaz (m) brûlé, gaz (m) d'échappement

сгорѣвшій газъ (m); отработавшій газъ
gas (m) bruciato, gas (m) di scappamento
gas (m) quemado, gas (m) de escape
1

Auspuffklappe (f)
exhaust cut-out *or* bye-pass valve
clapet (m) d'échappement



a

выхлопная *или* выпускная задвижка (f)
valvola (f) per lo scappamento (libero)
válvula (f) libre de escape
2

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offener Auspuff (m)
open exhaust
échappement (m) libre

открытый выхлопъ (m); свободный выпускъ (m)
scappamento (m) libero
escape (m) libre
3

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verschmutzter Auspufftopf (m)
dirty *or* foul silencer
silencieux (m) encrassé

загрязнённый выхлопной *или* выпускной горшокъ (m); загрязнённый глушитель (m)
bariletto (m) di scappamento insudiciato
silencioso (m) ensuciado
4

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verstopfter Auspufftopf (m)
choked *or* clogged-up silencer
silencieux (m) bouché *ou* engorgé

засорённый выхлопной *или* выпускной горшокъ (m); засорённый глушитель (m)
bariletto (m) di scappamento otturato
silencioso (m) obstruido
5

Mantel (m) des Auspufftopfes
shell *or* jacket of the silencer
enveloppe (f) du pot d'échappement

кожухъ (m) выхлопного *или* выпускного горшка; кожухъ глушителя
corpo (m) del bariletto di scappamento
envoltura (f) del silencioso
6

Mantel (m) mit Asbestumhüllung
shell *or* jacket with asbestos covering
corps (m) [de pot d'échappement] avec revêtement d'amiante

кожухъ (m) съ азбестовой обшивкой
corpo (m) del bariletto di scappamento con rivestimento d'amianto
cuerpo (m) [de silencioso] con revestimiento de amianto
7

---

gebördelter Boden (m)
flanged end plate
fond (m) à bride

фланцованное дно (n)
fondo (m) a flangia
fondo (m) con borde doblado
8

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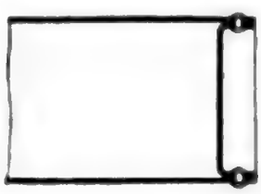
eingenieteter Boden (m)
end plate riveted in
fond (m) riveté



вклёпанное дно (n)
fondo (m) ribadito
fondo (m) remachado
9

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1 angeschweißter Boden (m)
end plate welded on
fond (m) soudé [au feu]

сварочное *или* заварное дно (n)
fondo (m) saldato
fondo (m) soldado

---

2 gegossener Boden (m)
cast end plate
fond (m) coulé

литое дно (n)
fondo (m) fuso
fondo (m) colado *ó* fundido

---

3 siebartig durchlöchertes Rohr (n)
perforated pipe
crépine (f), tuyau (m) perforé comme un tamis

трубчатое сито (n); рѣшетчатая труба (f)
tubo (m) con forellini, tubo (m) bucherellato
tubo (m) perforado

---

4 Auspufftopf(m)mit achsrechter *oder* achsialer Ein- und Ausströmung
silencer with axial inlet and exhaust
pot (m) d'échappement avec entrée et sortie des gaz dans l'axe

выхлопной *или* выпускной горшокъ (m) (глушитель (m)) съ центральнымъ впускомъ и выпускомъ
bariletto (m) di scappamento con entrata ed uscita assiali
silencioso (m) con entrada y salida axiales

---

5 Auspufftopf (m) mit strahliger *oder* radialer Ein- und Ausströmung
exhaust box with radial inlet and exhaust
pot (m) d'échappement avec entrée et sortie radiales

выхлопной *или* выпускной горшокъ (m) (глушитель (m)) съ радіальнымъ *или* съ боковымъ впускомъ и выпускомъ
bariletto (m) di scappamento con entrata ed uscita radiali
silencioso (m) con entrada y salida radiales

---

6 kegelförmig eingezogenes Ausblaserohr (n)
tapered exhaust pipe
tuyau (m) de sortie à extrémité introduite (*ou* dudgeonnée *ou* mandrinée)

a

суженная конически выпускная труба (f)
tubo (m) d'uscita con estremità a cono
tubo (m) de salida con estrechamiento cónico (mandrilado)

---

7 Rohrschelle (f)
pipe clip, saddle clip
collier (m) de tuyau

хомутъ (m) для подвѣски трубы
collare (m) di sostegno per tubi
abrazadera (f) para tubo

---

8 wassergekühlter Auspufftopf (m)
water-cooled silencer
pot (m) d'échappement *ou* silencieux à circulation d'eau

выхлопной *или* выпускной горшокъ (m) (глушитель (m)) съ водянымъ охлажденіемъ
bariletto (m) di scappamento con circolazione d'acqua
silencioso (m) refrigerado por agua *ó* con enfriamiento por agua

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Bandschelle (f) (zum Aufhängen der Auspuffleitung)
clip for suspending the exhaust pipe
collier (m) en feuillard (pour la suspension de la conduite d'échappement)

a

полосовой хомутъ (m) для подвѣски выхлопной *или* выпускной трубы
sostegno (m) per tubazione di scappamento
abrazadera (f) de llanta para la suspensión del tubo de escape

---

Auspuffknaller (m)
exhaust detonation
détonation (f) d'échappement

детонація (f) при выпускѣ въ атмосферу
scoppiettio (m) del motore, rumore (m) dello scappamento
ruido (m) de explosión del escape

---

der Boden reißt aus
the end plate is torn out *or* blown out
le fond est arraché

дно (n) срывается
il fondo si stacca
el fondo está rajado

Kühlung
Cooling
Refroidissement

Охлажденіе
Raffreddamento
Refrigeración, enfriamiento

Kühlverfahren(n), Kühlmethode (f)
method of cooling
procédé (m) *ou* mode (m) de refroidissement

способъ (m) охлажденія; пріёмъ (m) охлажденія
metodo (m) *o* procedimento(m) di raffreddamento
procedimiento (m) de refrigeración

Kühlsystem (n)
cooling system
système (m) de refroidissement

система (f) охлажденія
sistema (m) di raffreddamento
sistema (m) de refrigeración

Kühlwirkung (f)
cooling action
action (f) réfrigérante *ou* refroidissante

охлаждающее дѣйствіе (n); дѣйствіе охлажденія
azione (f) raffreddante *o* refrigerante
acción (f) refrigerante

---

abkühlen (v)
to cool
refroidir (v)

охладить; охлаждать
raffreddare (v)
refrigerar (v)

---

kühlen (v), die Temperatur erniedrigen (v) *oder* herabsetzen (v)
to reduce the temperature
abaisser (v) *ou* diminuer (v) la température

понизить (понижать) температуру
diminuire (v) *od* abbassare (v) la temperatura
bajar (v) la temperatura

Luftkühlung (f)
air cooling
refroidissement (m) par air

воздушное охлажденіе (n); охлажденіе воздухомъ
raffreddamento (m) ad aria
refrigeración (f) por aire

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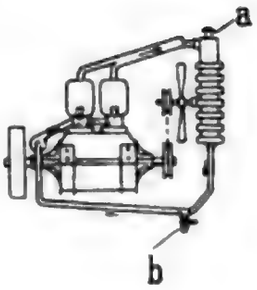
1	Wasserkühlung (f) water cooling refroidissement (m) par eau		водяное охлажденіе (n); охлажденіе водой raffreddamento (m) ad acqua refrigeración (f) por agua
2	Kühlwasserkreislauf (m) cooling water circulation circulation (f) de l'eau de refroidissement		циркуляція (f) охлаждающей воды circolazione (f) d'acqua raffreddante *o* dell'acqua di raffreddamento circulación (f) del agua refrigerante
3	Kühlwassereintritt (m) cooling *or* circulating water inlet entrée (f) *ou* admission (f) de l'eau de refroidissement	a	впускъ (m) *или* поступленіе (n) охлаждающей воды entrata (f) dell'acqua di raffreddamento entrada (f) del agua de enfriamiento
4	Kühlwasseraustritt (m) cooling *or* circulating water outlet sortie (f) *ou* échappement (m) de l'eau de refroidissement	b	выходъ (m) охлаждающей воды uscita (f) dell'acqua di raffreddamento salida (f) del agua de enfriamiento
5	Kühlwasser (n) cooling water eau (f) de refroidissement		охлаждающая вода (f); вода для охлажденія acqua (f) di raffreddamento agua (f) de refrigeración *ó* refrigerante
6	hartes Wasser (n) hard water eau (f) dure		жёсткая вода (f) acqua (f) cruda agua (f) cruda
7	kalkhaltiges Wasser (n) water containing lime eau (f) calcaire		вода (f), содержащая известь acqua (f) calcare agua (f) calcárea
8	Kesselstein (m) furring, incrustation, scale incrustations (f pl), tartre (m), calcin (m), sédiments (m pl)		накипь (f); котельный камень (m) incrostazioni (f pl), sedimenti (m pl) incrustaciones (f pl), sedimentos (m pl)
9	Verdampfungskühlung (f) cooling by evaporation refroidissement (m) par évaporation		охлажденіе (n) испареніемъ raffreddamento (m) per evaporazione refrigeración (f) por evaporación
10	überhitzen (v) to superheat surchauffer (v)		перегрѣ-ть (-вать) surriscaldare (v) recalentar (v)

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Überhitzung (f) superheating surchauffe (f)	перегрѣваніе (n); перегрѣвъ (m) surriscaldamento (m) recalentamiento (m)	1
Wasserverlust (m) loss of water perte (f) d'eau	потеря (f) воды perdita (f) d'acqua pérdida (f) de agua	2
Kühlung (f) mit selbsttätigem Umlauf. Thermosyphonkühlung (f) thermo-syphon cooling refroidissement (m) par thermosiphon	охлажденіе (n) посредствомъ автоматической циркуляціи; охлажденіе термосифономъ raffreddamento (m) a termosifone refrigeración (f) por termosifón	3
selbsttätiger Umlauf (m) des Kühlwassers (Thermosyphon) automatic circulation of the cooling water thermosiphon (m), circulation (f) automatique de l'eau de refroidissement	автоматическая циркуляція (f) охлаждающей воды; термосифонъ (m) circolazione (f) automatica dell'acqua di raffreddamento (termosifone) circulación (f) automática del agua de refrigeración	4
durch Pumpe bewirkter Umlauf (m) circulation by means of pump circulation (f) [produite] par pompe	циркуляція (f), производимая насосомъ circolazione (f) prodotta dalla pompa circulación (f) por bomba	5
Wärmeleitung (f) conduction of heat conduction (f) thermique, transmission (f) de la chaleur	теплопроводность (f) condotta (f) di calore conducción (f) térmica, transmisión (f) del calor	6
Wärmeleitungsvermögen (n), Wärmeleitfähigkeit (f) heat conductivity conductibilité (f) de la chaleur	теплопроводимость (f) conduttività (f) del calore *o* termica conductibilidad (f) del calor	7
Wärmedurchgangszahl (f) coefficient of heat transmission coefficient (m) de transmission de la chaleur, coefficient (m) thermique	коеффиціентъ (m) передачи тепла coefficiente (m) di trasmissione del calore coeficiente (n) de transmisión del calor	8
Wärmeabführung (f) transmission of heat, radiation transmission (f) de la chaleur, radiation (f)	отдача (f) тепла *или* теплоты efflusso (m) di calore transmisión (f) del calor, irradiación (f)	9

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1	Temperaturunterschied (m), Temperaturdifferenz (f) difference of temperature différence (f) de température	разность (f) температуръ differenza (f) di temperatura diferencia (f) de temperatura
2	Temperaturgefälle (n) drop in temperature chute (f) de température	паденіе (n) температуры abbassamento (m) di temperatura caída (f) de temperatura
3	Eintritt[s]temperatur (f) inlet temperature température (f) d'admission	температура (f) впуска temperatura (f) d'ammissione temperatura (f) de entrada
4	Austritt[s]temperatur (f) outlet temperature température (f) d'échappement	температура (f) выпуска temperatura (f) di scarico temperatura (f) de salida
5	Gefrierpunkt (m) freezing point point (m) de congélation	точка (f) замерзанія punto (m) di congelamento punto (m) de congelación
6	Durchflußgeschwindigkeit (f) rate of flow vitesse (f) d'écoulement	скорость (f) протеканія velocità (f) d'efflusso velocidad (f) de salida
7	Wassergeschwindigkeit (f) velocity of the water vitesse (f) de l'eau	скорость (f) воды velocità (f) dell'acqua velocidad (f) del agua
8	Wärmeaufnahmefähigkeit (f), Wärmekapazität (f) heat absorption capacity capacité (f) thermique *ou* calorifique	теплоёмкость (f) capacità (f) termica capacidad (f) calorífica
9	Luftgeschwindigkeit (f) velocity of the air vitesse (f) de l'air	скорость (f) воздуха velocità (f) dell'aria velocidad (f) del aire
10	Windgeschwindigkeit (f) wind velocity vitesse (f) du vent	скорость (f) вѣтра velocità (f) del vento velocidad (f) del viento
11	Luftzug (m) draught courant (m) d'air	тяга (f) corrente (f) d'aria corriente (f) de aire
12	Kühlfläche (f) cooling surface surface (f) de refroidissement	поверхность (f) охлажденія superficie (f) raffreddante *o* di raffreddamento superficie (f) de refrigeración

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wasserbespülte *oder* wasserbenetzte Fläche (f) surface in contact with the water surface (f) baignée par l'eau, surface (f) mouillée		поверхность (f), соприкасающаяся съ водой; поверхность, омываемая водой superficie (f) bagnata dall'acqua superficie (f) en contacto con el agua	1
Kühlfläche (f) pro Pferdekraft cooling surface per horse power surface (f) de refroidissement par cheval		поверхность (f) охлажденія на лошадиную силу superficie (f) raffreddante per H. P. *o* cavallo superficie (f) de refrigeración por caballo	2
Kühler (m), Kühlvorrichtung (f), Kühlapparat (m) radiator, cooling apparatus radiateur (m), appareil (m) de refroidissement		холодильникъ (m); радіаторъ (m) apparecchio (m) di raffreddamento, radiatore (m), dispositivo (m) di raffreddamento radiador (m)	3
Oberflächenkühlapparat (m) surface radiator radiateur (m) (à grande surface)		поверхностный холодильникъ (m) *или* радіаторъ (m) radiatore (m) a superficie radiante radiador (m) de gran superficie	4
Wasserkühler (m) mit Ventilator fan-cooled radiator radiateur (m) à ventilateur		холодильникъ (m) *или*, радіаторъ (m) съ вентиляторомъ radiatore (m) con ventilatore radiador (m) con ventilador	5
Röhrenkühler (m) tubular radiator radiateur (m) tubulaire		трубчатый холодильникъ (m) *или* радіаторъ (m) radiatore (m) multitubolare radiador (m) tubular *ó* de tubos	6
glattes Rohr (n) smooth tube tube (m) lisse		гладкая труба (f) tubo (m) liscio tubo (m) liso	7
gedralltes Rohr (n) twisted *or* spiral tube tube (m) tordu en spirales		скрученная труба (f) tubo (m) ritorto a spirale tubo (m) en espiral	8
Wellrohr (n), gewelltes Rohr (n) corrugated tube tube (m) ondulé *ou* gaufré		волнистая труба (f) tubo (m) ondulato tubo (m) ondulado	9

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1	verzinntes Rohr (n) galvanized tube tube (m) étamé	лужёная труба (f) tubo (m) stagnato tubo (m) estañado
2	aufdornen (v), auftreiben (v) to expand (v) mandriner (v), aléser (v), évaser (v), épanouir (v) (au mandrin)	расшир-ить (-ять) отверстія при помощи оправки allargare (v), alesare (v) coll'allargatoio ensanchar (v) con el mandril, mandrilar (v)
3	Bienenkorbkühler (m), Wabenkühler (m), Zellenkühler (m) honeycomb radiator radiateur (m) nid d'abeilles	холодильникъ (m) системы сотовыхъ ячеекъ; радіаторъ (m) типа „улей" *или* соты; холодильникъ (m) въ видѣ пчелинаго сота; радіаторъ типа „пчельникъ" radiatore (m) a nido d'api radiador (m) de panal
4	Kühler (m) mit runden Rohren radiator with round tubes radiateur (m) à tubes recourbés	холодильникъ (m) *или* радіаторъ (m) съ круглыми трубами radiatore (m) a tubi tondi radiador (m) de tubos encurvados
5	Kühlrohr (n) cooling tube tube (m) de refroidissement	охлаждающая трубка (f) tubo (m) raffreddante tubo (m) de refrigeración
6	im Tauchbade verlöten (v) to solder by dipping souder (v) au bain	спаять въ ваннѣ saldare (v) a bagno soldar (v) en el baño
7	Kühlschlange (f) coiled radiator serpentin (m) de refroidissement	змѣевикъ (m) радіатора (m) *или* холодильника serpentino (m) di raffreddamento serpentín (m) de refrigeración
8	hintereinander geschaltete Kühlrohre (n pl) radiator pipes connected in series tubes (m pl) de refroidissement montés en série	охлаждающія трубы (f pl), присоединённыя послѣдовательно tubi (m pl) di radiatore posti l'uno dietro all'altro tubos (m pl) de refrigeración montados en serie
9	parallel geschaltete Kühlrohre (n pl) radiator pipes connected in parallel tubes (m pl) de refroidissement montés en parallèle	охлаждающія трубы (f pl), присоединённыя параллельно tubi (m pl) di radiatore montati parallelamente tubos (m pl) de refrigeración montados en paralelo

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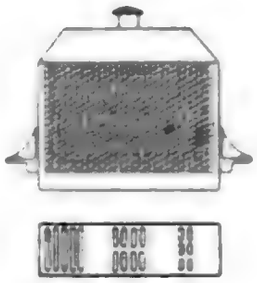
Lamellenkühler (m)
ribbed *or* gilled radiator
radiateur (m) à ailettes de tôle

пластинчатый холодильникъ (m) *или* радіаторъ (m)
radiatore (m) a lamelle
radiador (m) de aletas de chapa
1

Kühllamelle (f)
radiating rib *or* gill
ailette (f) de refroidissement

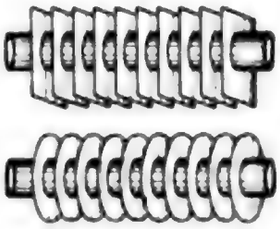
охлаждающая пластина (f)
lamella (f) raffreddante
aleta (f) de refrigeración
2

Flachrohrkühler (m)
flat tube radiator
radiateur (m) à tubes plats



холодильникъ (m) *или* радіаторъ (m) съ плоскими трубами
radiatore (m) a tubi piatti
radiador (m) de tubos planos
3

Rippenrohr (n)
gilled *or* ribbed tube
tuyau (m) à ailettes

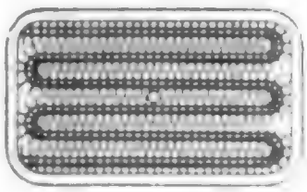


ребристая труба (f)
tubo (m) ad alette
tubo (m) de aletas
4

Rippenkühlung (f)
gill *or* rib cooling
refroidissement (m) par ailettes

охлажденіе (n) ребристыми трубами
raffreddamento (m) ad alette
refrigeración (f) por aletas
5

Rippenrohrkühler (m)
gilled *or* ribbed tube radiator
radiateur (m) à tubes à ailettes



холодильникъ (m) *или* радіаторъ (m) съ ребристыми трубами
radiatore (m) a tubi provvisti di alette
radiador (m) [de tubos] de aletas
6

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gerippt
gilled, ribbed
à ailettes

ребристый
ad alette, provvisto di alette
de aletas
7

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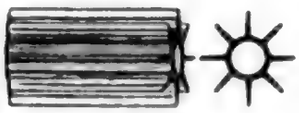
längs gerippt
longitudinally ribbed *or* gilled
à ailettes longitudinales



продольно-ребристый
scanalato ad alette longitudinali
de aletas longitudinales
8

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quer gerippt
transversally ribbed *or* gilled
à ailettes transversales

поперечно-ребристый
scanalato ad alette trasversali
de aletas transversales
9

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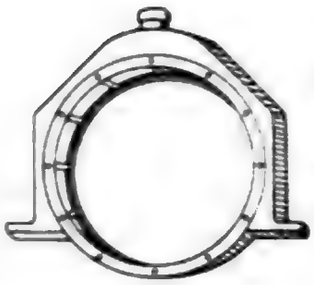
1 Kühlerkörper (m), Kühlergehäuse (n)
radiator case *or* box *or* frame
corps (m) du radiateur



кожухъ (m) холодильника; корпусъ (m) радіатора
corpo (m) del radiatore
cuerpo (m) del radiador

---

2 Wasserkammer (f)
water chamber *or* tank
chambre (f) à eau, réservoir (m) d'eau

водяная коробка (f) *или* камера (f)
camera (f) d'acqua
cámara (f) de agua, depósito (m) de agua

---

3 Wasserinhalt (m)
water volume
contenance (f) en eau, volume (m) d'eau

содержаніе (n) воды
capacità (f) d'acqua
volumen (m) de agua

---

4 Wasserfaden (m)
jet of water
filet (m) liquide

водяная нить (f)
colonna (f) *o* filo (m) d'acqua
filete (m) líquido

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5 Kühler (m) mit ausziehbarem Röhrenkörper, ausziehbarer Röhrenkühlapparat (m)
removable tubular radiator
radiateur (m) à tubes amovibles

холодильникъ (m) *или* радіаторъ (m) съ выдвижными трубами
radiatore (m) con corpo di tubi smontabile
radiador (m) tubular móvil

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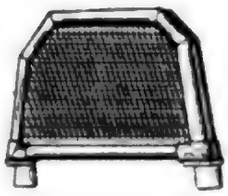
6 Kühler (m) mit wagerechten Rohren
radiator with horizontal tubes
radiateur (m) à tubes horizontaux



холодильникъ (m) *или* радіаторъ (m) съ горизонтальными трубами
radiatore (m) a tubi orizzontali
radiador (m) de tubos horizontales

---

7 Kühler (m) mit senkrechten Rohren
radiator with vertical tubes
radiateur (m) à tubes verticaux

холодильникъ (m) *или* радіаторъ (m) съ вертикальными трубами
radiatore (m) a tubi verticali
radiador (m) de tubos verticales

---

8 Rohrbündel (n)
nest of tubes
faisceau (m) tubulaire

комплектъ (m) трубъ
fascio (m) tubolare
haz (f) de tubos

---

9 Kühler (m) mit geraden Rohrreihen
radiator with straight rows of tubes
radiateur (m) à rangées de tubes parallèles

холодильникъ (m) *или* радіаторъ (m) съ параллельнымъ расположеніемъ трубъ
radiatore (m) a file di tubi diritti
radiador (m) de tubos en líneas rectas

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Kühler (m) mit versetzt angeordneten Rohrreihen
radiator with staggered rows of tubes
radiateur (m) à tubes en quinconce

холодильникъ (m) *или* радіаторъ (m) съ шахматнымъ расположеніемъ трубъ
radiatore (m) a file di tubi alternati
radiador (m) de tubos en zig-zag — *1*

---

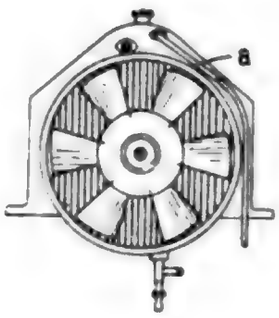
im „Windschatten" stehende Rohre (n pl)
shielded tubes
tubes (m pl) à l'abri du vent

трубы (fpl) внѣ циркуляціи воздуха
tubi (m pl) riparati dal vento
tubos (m pl) montados á sotavento — *2*

Rohranschlußschelle (f)
connection clip
collier (m) à tubulure

хомутъ (m) *или* скоба (f) для присоединенія трубы
collare (m) di raccordo
collar (m) con tubuladura — *3*

Überlaufrohr (n)
overflow pipe
tube (m) de trop-plein



a

сливная *или* переливная *или* перепускная труба (f); сигнальная трубка (f)
tubo (m) di troppo pieno
tubo (m) de rebosadura, rebosadero (m) — *4*

Abdampfrohr (n)
vent pipe
tube (m) d'échappement de vapeur

паровыпускная труба (f)
tubo (m) di evaporazione
tubo (m) de escape de vapor — *5*

Kühlereinguß (m)
radiator filling hole
orifice (m) de remplissage du radiateur

горловина (f) для наливанія воды въ холодильникъ; отверстіе (n) для заполненія радіатора
orificio (m) di carico acqua, bocca (f) di introduzione del raffreddatore, bocchettone (m) di riempimento
orificio (m) de relleno del radiador — *6*

Wassereintrittstutzen (m)
water inlet pipe connection
tubulure (f) d'entrée d'eau

водовпускной патрубокъ (m)
tubo (m) di introduzione dell'acqua
tubuladura (f) de entrada de agua — *7*

Kühlerdeckel (m), Kühlerkappe (f)
radiator cap
bouchon (m) de radiateur

крышка (f) холодильника *или* радіатора
tappo (m) del radiatore
tapa (f) del radiador — *8*

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1 Kühlereingußsieb (n)
radiator inlet strainer
tamis (m) de remplissage du radiateur

сито (n) для наливанія воды въ холодильникъ; сито для заполненія радіатора
rete (f) *o* reticella (f) per filtrare l'acqua del raffreddatore, filtro (m)
tamiz (m) de relleno del radiador

---

2 das Kühlwasser kocht
the cooling water boils
l'eau de refroidissement bout

охлаждающая вода (f) кипитъ
l'acqua di raffreddamento bolle
el agua de refrigeración hierve

---

3 Einfrieren (n) des Wassers
freezing of the water
congélation (f) de l'eau

замерзаніе (n) воды
congelamento (m) dell'acqua
congelación (f) del agua

---

4 einen eingefrorenen Kühler auftauen (v)
to thaw [out] a frozen radiator
dégeler (v) un radiateur congelé

оттаивать замёрзшій холодильникъ *или* радіаторъ
disgelare (v) un radiatore congelato
deshelar (v) un radiador helado

---

5 Frostschutzmittel (n)
means to prevent freezing of the water
anticongélateur (m)

средство (n) предохраняющее отъ замерзанія
mezzo (m) contro il congelamento
medio (m) para prevenir contra la congelación

---

6 Glyzerin (n)
glycerine
glycérine (f)

глицеринъ (m)
glicerina (f)
glicerina (f)

---

7 Methylalkohol (m)
methylalcohol
alcool (m) méthylique

метиловый спиртъ (m)
alcool (m) metilico
alcohol (m) metilico

---

8 denaturierter Spiritus (m)
methylated spirit
alcool (m) dénaturé

денатурированный спиртъ (m); денатуратъ (m)
alcool (m) *o* spirito (m) denaturato
alcohol (m) desnaturalizado

---

9 den Kühler auffüllen (v)
to fill up the radiator
remplir (v) le radiateur, faire (v) le plein du radiateur

наполн-ить (-ять) *или* холодильникъ радіаторъ
riempire (v) il radiatore
llenar (v) un radiador

---

10 lecken (v), rinnen (v)
to leak
fuir (v)

течь
perdere (v) acqua
perder (v) agua

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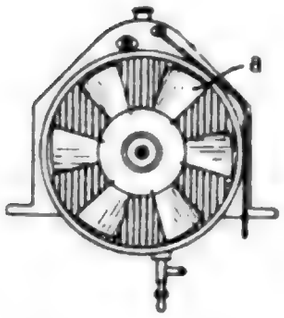
Ventilator (m)
fan
ventilateur (m)



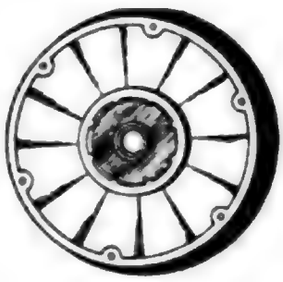
вентиляторъ (m)
ventilatore (m)
ventilador (m) *1*

Ventilatorflügel (m), Windflügel (m)
vane, fan blade
palette (f) *ou* ailette (f) de ventilateur

a

крыло (n) вентилятора
paletta (f) *od* ala (f) del ventilatore
paleta (f) de ventilador *2*

Schwungradventilator (m)
flywheel fan
ventilateur-volant (m)

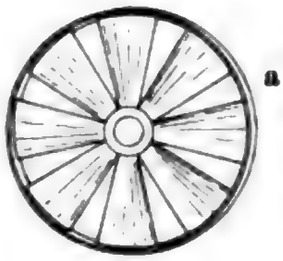


вентиляторъ (m), помѣщённый въ маховикѣ
volante-ventilatore (m)
ventilador-volante (m) *3*

Schwungrad (n) mit Ventilatorspeichen
flywheel with fan blade spokes
volant (m) dont les bras forment ventilateur

маховикъ (m) съ вентиляторными крыльями; маховикъ, спицы котораго образуютъ вентиляторъ
volante (m) con raggi foggiati a ventilatore
volante (m) con radios de paletas de ventilador *4*

Ventilator (m) mit Distanzring am Umfang
fan with circumferential web
ventilateur (m) à jante



вентиляторъ (m) съ ободомъ
ventilatore (m) con anello di distanza alla periferia
ventilador (m) con llanta *5*

Ventilatorring (m)
fan ring
jante (f) *ou* bague (f) de ventilateur

a

ободъ (m) вентилятора
anello (m) del ventilatore
aro (m) *ó* llanta (f) de ventilador *6*

Ventilatorriemen (m)
belt for fan
courroie (f) du ventilateur

ремень (m) вентилятора
cigna (f) *o* cinghia (f) del ventilatore
correa (f) del ventilador *7*

Schraubenventilator (m)
helical fan
ventilateur (m) hélicoïdal

винтовой вентиляторъ (m)
ventilatore (m) ad elica
ventilador (m) de hélice *8*

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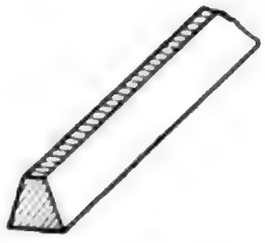
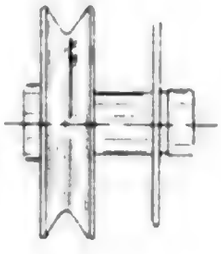
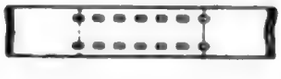
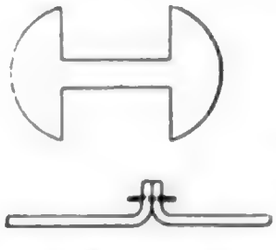
Rundriemen (m), Pese (f), Ziemer (m) 1 twisted *or* round belt courroie (f) à section circulaire		круглый ремень (m) cinghia (f) ritorta *od* a sezione tonda correa (f) de sección circular
Keilriemen (m) 2 V-belt courroie (f) en forme du coin		клиновидный ремень (m) cinghia (f) trapezoidale correa (f) de sección en cuña
Flachriemen (m) 3 flat belt courroie (f) plate		плоскій ремень (m) cinghia (f) piatta correa (f) plana
Ventilatorantriebkette (f) 4 fan driving chain chaîne (f) de commande du ventilateur		приводная цѣпь (f) вентилятора catena (f) per il comando del ventilatore cadena (f) de accionamiento del ventilador
Nutenscheibe (f) 5 grooved disc pulley poulie (f) à gorge		желобчатый *или* бороздчатый шкивъ (m) puleggia (f) a gola polea (f) de garganta
Spannvorrichtung (f) 6 stretching device appareil (m) tendeur		натяжное приспособленіе (n) tenditore (m) di cinghia aparato (m) tensor
der Riemen streckt sich 7 the belt stretches la courroie s'allonge		ремень вытягивается la cinghia si allunga la correa se alarga
geleimter Riemen (m) 8 glued belt courroie (f) collée		склеенный ремень (m) cinghia (f) incollata correa (f) pegada
genähter Riemen (m) 9 sewn belt courroie (f) cousue		сшитый ремень (m) cinghia (f) cucita correa (f) cosida
Riemenverbinder (m) 10 belt fastener agrafe (f) de courroie		соединитель (m) *или* сцѣпка (f) для ремней uncino (m) d'attacco per cinghia botón (m) de correa, corchete (m) de correa
Riemenschloß (n) 11 belt fastener joint (m) de courroie		замокъ (m) для ремней giunto (m) di cinghia junta (f) de correa

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Riemenhaken (m)
hook belt fastener
crochet (m) de courroie

крючокъ (m) для ремней
gancio (m) per cinghia
corchete (m) de correa
1

Riemen (m) mit Stahleinlagen
belt with steel strip insertion
courroie (f) à âme d'acier

ремень (m) со стальными прокладками
cinghia (f) a fili d'acciaio interni
correa (f) de alma de acero
2

Kühlwasserpumpe (f)
cooling water pump
pompe (f) à eau de refroidissement

насосъ (m) для охлаждающей воды
pompa (f) d'acqua per raffreddamento
bomba (f) para agua de refrigeración
3

Umlaufpumpe (f), Zirkulationspumpe (f)
circulating pump
pompe (f) de circulation

циркуляціонный насосъ (m)
pompa (f) di circolazione
bomba (f) de circulación
4

Zahnradpumpe (f)
geared pump
pompe (f) à engrenage

насосъ (m) съ зубчаткой *или* съ шестернями
pompa (f) ad ingranaggi
bomba (f) de engranaje
5

Pumpengehäuse (n)
pump chamber *or* casing
corps (m) de pompe

коробка (f) *или* кожухъ (m) насоса
corpo (m) della pompa
cuerpo (m) de la bomba
6

Pumpe (f) mit Reibungsantrieb
pump with friction drive
pompe (f) à commande par friction

насосъ (m) съ фрикціоннымъ приводомъ
pompa (f) con comando a frizione
bomba (f) de mando por fricción
7

Schleuderpumpe (f), Kreiselpumpe (f), Zentrifugalpumpe (f)
centrifugal pump
pompe (f) centrifuge

центробѣжный насосъ (m)
pompa (f) centrifuga
bomba (f) centrifuga
8

Schaufelradpumpe (f)
bucket wheel pump
pompe (f) à aubes

крыльчатый насосъ (m)
pompa (f) a palette
bomba (f) de paletas
9

Pumpenflügel (m)
pump impeller blade
palette (f) de pompe

крыло (n) насоса
paletta (f) della pompa
paleta (f) de bomba
10

Kapselpumpe (f), Kapselwerk (n)
valveless pump
pompe (f) rotative

вращательный насосъ (m)
pompa (f) rotativa
bomba (f) rotativa
11

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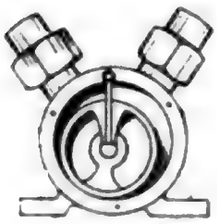

1	Exzenterpumpe (f) eccentric pump pompe (f) à excentrique	эксцентриковый насосъ (m) pompa (f) ad eccentrico bomba (f) de excéntrica
2	Kolbenpumpe (f) plunger pump pompe (f) à piston	поршневой насосъ (m) pompa (f) a stantuffo bomba (f) de émbolo
3	Druckpumpe (f) force pump pompe (f) foulante	нагнетательный насосъ (m) pompa (f) premente bomba (f) de impulsión
4	Pumpendeckel (m) pump cover plate couvercle (m) de pompe	крышка (f) насоса coperchio (m) della pompa tapa (f) de bomba
5	achsrechter Wassereintritt (m) axial water inlet entrée (f) de l'eau suivant la direction de l'axe	осевой *или* аксіальный впускъ (m) воды; впускъ воды по оси afflusso (m) assiale dell'acqua entrada (f) del agua en la dirección del eje
6	tangentialer Wasseraustritt (m) tangential water outlet sortie (f) tangentielle de l'eau	тангентіальный выпускъ (m) воды; выпускъ воды по касательной efflusso (m) tangenziale dell'acqua salida (f) tangencial del agua
7	Saugventil (n) inlet *or* suction valve soupape (f) d'aspiration *ou* d'admission	всасывающій клапанъ (m) valvola (f) d'aspirazione válvula (f) de aspiración
8	Saugklappe (f) suction valve clapet (m) d'aspiration	всасывающая задвижка (f) valvola (f) d'aspirazione válvula (f) de charnela de aspiración
9	Saugpumpe (f) suction pump pompe (f) aspirante	всасывающій насосъ (m) pompa (f) aspirante bomba (f) aspirante
10	Fußventil (n) foot valve soupape (f) à pied	нижній клапанъ (m) valvola (f) a piede válvula (f) de pie
11	Saughöhe (f) lift hauteur (f) d'aspiration	высота (f) всасыванія altezza (f) d'aspirazione altura (f) de aspiración
12	Druckhöhe (f) head (of water) hauteur (f) de refoulement	высота (f) нагнетанія prevalenza (f) altura (f) de impulsión

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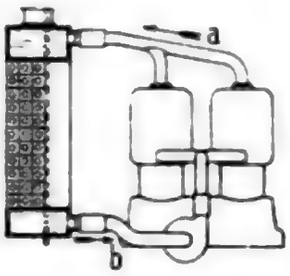
Fördermenge (f) pro Minute performance *or* delivery per minute, quantity of water delivered per minute quantité (f) d'eau refoulée *ou* débitée par minute	количество (n) подаваемой въ минуту воды portata (f) al minuto cantidad (f) de agua suministrada por minuto	*1*
Rohrleitung (f) tubing conduite (f)	трубопроводъ (m) tubazione (f), tubulatura (f) conducto (m)	*2*
steigende Rohrleitung (f) ascending pipe conduite (f) d'entrée	трубопроводъ (m), идущій вверхъ tubazione (f) ascendente conducto (m) de entrada	*3*
fallende Rohrleitung (f) descending pipe conduite (f) de sortie	трубопроводъ (m), идущій внизъ tubazione (f) discendente conducto (m) de salida	*4*
Entleerungshahn (m) drain cock robinet (m) de vidange	спускной кранъ (m) robinetto (m) di scarico grifo (m) para el vaciado	*5*
Kraftübertragung **Transmission, Transmission of Power** **Transmission du mouvement**	**Трансмиссія; передача силы** **Trasmissione d'energia** **Transmisión de fuerza**	*6*
Arbeitsübertragung (f) transmission of work transmission (f) du travail	передача (f) работы trasmissione (f) del lavoro transmisión (f) del trabajo	*7*
Kraftübertragung (f) durch Riemen transmission of power by belt transmission (f) par courroie	ременная передача (f) trasmissione (f) d'energia mediante cinghia transmisión(f) por correa	*8*
Riemen (m) belt courroie (f)	ремень (m) cinghia (f), cigna (f) correa (f)	*9*
Lederriemen (m) leather belt courroie (f) en cuir	кожаный ремень (m) cinghia (f) di cuoio correa (f) de cuero	*10*
Gummiriemen (m) rubber belt courroie (f) en caoutchouc	резиновый ремень (m) cinghia (f) di gomma correa (f) de caucho	*11*



a

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1	Gummiriemen (m) mit Hanfeinlage rubber belt with hemp core *or* insertion courroie (f) en caoutchouc avec âme en chanvre	резиновый ремень (m) съ пеньковой прокладкой *или* съ пеньковой прослойкой cinghia (f) di gomma guarnita di canapa correa (f) de caucho con forro de cáñamo
2	Baumwollriemen (m) cotton belt courroie (f) en coton	хлопчатобумажный ремень (m) cinghia (f) di cotone correa (f) de algodón
3	Hanfseil (n) hemp rope câble (m) de chanvre	пеньковый канатъ (m) fune (f) di canapa cable (m) de cáñamo
4	Gliederriemen (m) chain *or* hick belt courroie (f) articulée	составной ремень (m) cinghia (f) a membrature *od* a maglie correa (f) articulada
5	Riemenvorgelege (n) belt gearing transmission (f) intermédiaire pour courroie, renvoi (m) à courroie	промежуточная ременная передача (f) rinvio (m) a cinghia transmisión (f) intermedia por correa
6	Leerscheibe (f), Losscheibe (f) loose pulley poulie (f) folle	холостой шкивъ (m) puleggia (f) folle polea (f) loca
7	Fressen (n) der Leerscheibe seizing of the loose pulley usure (f) de la poulie folle	заѣданіе (n) холостого шкива logorio (m) del disco a vuoto *o* della puleggia a vuoto desgaste (m) de la polea loca
8	Seilscheibe (f) rope pulley poulie (f) pour câble	желобчатый шкивъ (m) для канатовъ puleggia (f) a fune polea (f) para cable
9	Festscheibe (f) fixed pulley, keyed pulley poulie (f) clavetée	рабочій шкивъ (m) puleggia (f) fissa polea (f) fijada por medio de chaveta
10	Riementrieb (m) belt drive commande (f) par courroie	ременной приводъ (m) comando (m) a cinghia impulsión (f) por correa

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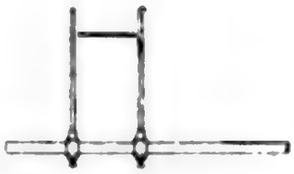
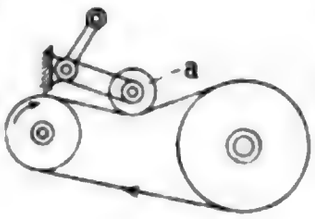
ziehender Riementeil (m), gespannter Riementeil (m) driving part of belt, part of belt in tension brin (m) conducteur de la courroie	a	ведущая часть (f) ремня parte (f) traente della cinghia, parte (f) tesa della cinghia rama (f) tendida de la correa	1
treibende Scheibe (f) driving pulley poulie (f) motrice *ou* de commande	b	ведущій шкивъ (m) puleggia (f) motrice polea (f) conductora *ó* motriz	2
getriebene Scheibe (f) follower *or* driven pulley poulie (f) menée *ou* commandée	c	ведомый шкивъ (m) puleggia (f) condotta polea (f) conducida	3
den Riemen auflegen (v) to put on the belt placer (v) *ou* mettre (v) la courroie		надѣть ремень; наложить ремень mettere (v) in sede *o* al posto la cinghia colocar (v) la correa	4
den Riemen verschieben (v) to slip off *or* remove the belt déplacer (v) *ou* faire (v) glisser la courroie		переводить (передвигать) ремень spostare (v) la cinghia desplazar (v) la correa	5
Abfallen (n) des Riemens coming-off of the belt chute (f) de la courroie		соскакиваніе (n) ремня caduta (f) della cinghia caída (f) de la correa	6
Riemengabel (f) striking gear passe-courroie (m), fourchette (f) de débrayage		вилка (f) для передвиженія и направленія ремня; отводка (f) forcella (f) di disinnesto horquilla (f) de desembrague	7
durchhängen (v) to sag pendre (v), être (v) lâche, se relâcher (v)		провисать trapendere (v) estar (v) distendido *ó* flojo, flojear (v)	8
Spannrolle (f) tension *or* straining *or* jockey pulley galet (m) tendeur	 a	натяжной роликъ (m) rotella (f) di tensione rodillo (m) tensor	9
Riemenführung (f) belt guide guide (m) *ou* galet (m) de guidage de courroie		направляющая (f) ремня guida (f) della cinghia guía (f) para la correa	10
Leitrolle (f) guide pulley galet-guide (m)		направляющій роликъ (m) rotella (f) di guida rodillo (m) de guía	11
der Riemen „reckt sich" the belt stretches la courroie se relâche *ou* se détend		ремень (m) растягивается la cinghia si rilascia la correa se afloja	12

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1	der Riemen dehnt sich the belt expands la courroie s'allonge		ремень (m) вытягивается la cinghia si allunga la correa se alarga
2	den Riemen ausrecken (v) to stretch the belt retendre (v) la courroie		растянуть ремень allungare (v) la cinghia tender (v) de nuevo la correa
3	Riemenfett (n), Riemenschmiere (f) belt lubricant graisse (f) pour courroie		мазь (f) для ремня grasso (m) *od* unguento (m) *o* lubrificante (m) per cinghia grasa (f) para correa
4	Kette (f), Triebkette (f) chain, driving chain chaîne (f), chaîne (f) de commande		цѣпь (f); приводная цѣпь catena (f), catena (f) di comando cadena (f) de mando
5	Blockkette (f) block chain chaîne (f) plate		блоковая цѣпь (f) catena (f) a blocchi cadena (f) de eslabones planos
6	Rollenkette (f) roller chain chaîne (f) à rouleaux	d a b c	роликовая цѣпь (n) catena (f) a rulli cadena (f) de rodillos
7	Kettenglied (n) chain link maillon (m) de chaîne	a	звено (n) цѣпи maglia (f) di catena eslabón (m) de cadena
8	Kettenbolzen (m) link pin goujon (m) de chaîne, fuseau (m) de chaîne	b	болтъ (m) цѣпи perno (m) di catena muñón (m) de cadena
9	Kettenrolle (f) chain roller rouleau (m) de chaîne	c	роликъ (m) цѣпи rullo (m) di catena rodillo (m) de cadena
10	Kettenteilung (f) pitch of chain pas (m) de la chaîne *ou* du maillon	d	длина (f) звена въ свѣту; шагъ (m) цѣпи passo (m) della catena paso (m) de la cadena *ó* del eslabón
11	Kettenkranz (m) crown wheel, driving *or* large sprocket couronne (f) rapportée pour chaîne	a a	зубчатый вѣнецъ (m) *или* коронка (f) для цѣпи corona (f) porta-catena corona (f) para cadena
12	Mittelkette (f) central chain chaîne (f) dans l'axe du châssis	a a	средняя *или* центральная цѣпь (f) catena (f) centrale cadena (f) central

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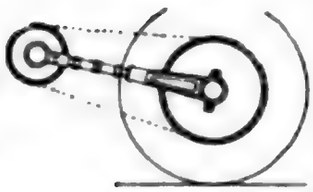
Kettenspanner (m)
chain tightener, chain stretching device
tendeur (m) de chaîne



приборъ (m) для натяженія цѣпи; натяжное приспособленіе (n) для цѣпи
tenditore (m) di catena, tendicatena (m)
tensor (m) de cadena

1

Spannschloß (n), Kettenspannschraube (f)
chain stretching screw
vis (f) de tendeur de chaîne

натяжной замокъ (m)
tenditore (m) a vite
tornillo (m) de tensor de cadena

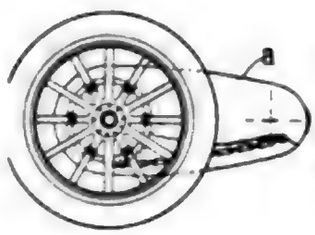
2

Kettenspannerbolzen (m)
chain stretching bolt
boulon (m) de tendeur de chaîne

болтъ (m) натяжного приспособленія для цѣпи
caviglia (f) tenditrice o perno (m) tenditore della catena
perno (m) tensor de cadena

3

Kettenschutzkasten (m), Kettenkasten (m)
gear case
carter (m) de chaîne

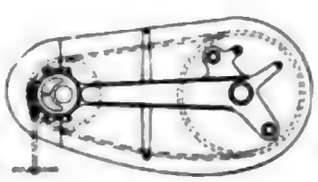


картеръ (m) для цѣпи; коробка (f) для цѣпи
carter (m) per catena
carter (m) para cadena

4

a

Kettenkasten (m) mit Exzenterkettenspannung
gear case with chain tightening eccentric
carter (m) avec excentrique pour la tension des chaînes



картеръ (m) съ эксцентрикомъ для натяженія цѣпи
carter (m) per catena con tenditore eccentrico
carter (m) con excéntrico para la tensión de la cadena

5

Kettengeräusch (n)
noise of the chain
bruit (m) de chaîne

шумъ (m) цѣпи; шумъ, производимый цѣпью
rumore (m) delle catene
ruido (m) de las cadenas

6

„Klirren" (n) der Kette
chattering *or* rattle of the chain
cliquetis (m) de la chaîne

дребезжаніе (n) цѣпи
tintinnio (m) della catena
tintineado (m) de los eslabones de la cadena

7

geräuschlose Kette (f), Zahnkette (f)
silent chain
chaîne (f) silencieuse

безшумная цѣпь (f); зубчатая цѣпь; цѣпь Ренольда
catena (f) silenziosa
cadena (f) silenciosa

8

Kraftübertragung (f) durch Kardanwelle
transmission by means of Cardan shaft
transmission (f) par arbre à cardan[s]

передача (f) силы посредствомъ [шарнирнаго] карданнаго вала
trasmissione (f) per albero a cardano
transmisión (f) por árbol con cardan

9

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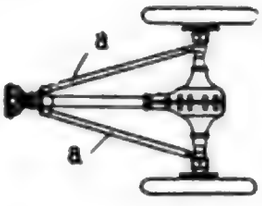
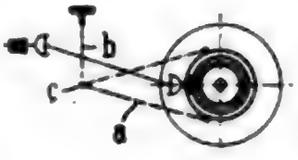
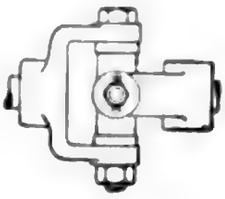
1	Kraftübertragung (f) durch eingelenkige Kardanwelle transmission by means of a Cardan shaft with one universal joint transmission (f) par arbre à un seul cardan		передача (f) силы посредствомъ одношарнирнаго карданнаго вала trasmissione (f) per albero a un cardano solo transmisión (f) por árbol de una sola cardan
2	Kardanseitenstrebe (f) lateral radius rod, stay rod tirant (m) latéral du cardan	 a	боковая связь (f) кардана tenditore (m) laterale del cardano tirante (m) lateral de cardan
3	Kraftübertragung (f) durch Doppelkardan transmission by means of a Cardan shaft having two universal joints transmission (f) par arbre à double cardan		передача (f) силы посредствомъ двухшарнирнаго кардана trasmissione (f) per albero a due cardani transmisión (f) por árbol de doble cardan
4	Kardanabstützung (f) durch Dreieckverstrebung triangular stay formed by two radius rods support (m) du cardan par un système triangulaire de tirants	a	установка (f) кардана съ треугольной связью sopporto (m) del cardano a gamba di rinforzo triangolare soporte (m) de la cardan por tres tirantes
5	Pendelstütze (f) hinged radius rod bracket tringle (f) articulée de suspension	b	качающаяся опора (f); колеблющаяся подвѣска (f) ponte (m) *o* triangolo (m) di sospensione varilla (f) articulada de suspensión
6	Kugelgelenk (n) ball joint, ball socket articulation (f) à rotule	c	шаровое шарнирное соединенiе (n) giunto (m) a ginocchiera articulación (f) de rótula
7	Kreuzgelenk (n), Kardangelenk (n), Kardanisches Gelenk (n) Cardan joint, universal joint Cardan (m), articulation (f) *ou* joint (m) de cardan, articulation (f) a croisillon, joint (m) universal		карданъ (m); карданный шарниръ (m); шарниръ Кардана; универсальный шарниръ; шарниръ Гука giunto (m) cardanico, giunto (m) a crociera *o* universale cardan (f), articulación (f) *ó* junta (f) á la cardan, articulación (f) de cruceta, junta (f) universal

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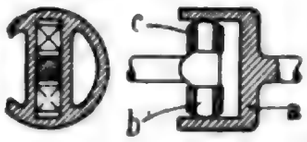
Kardanverschiebung (f)
displacement permitted in Cardan joint, play in universal joint
déplacement (m) dû au cardan

перемѣщеніе (n) кардана
spostamento (m) del cardano
desplazamiento (m) permitido por la cardan
1

Kreuzgelenk (n) mit Längsverschiebung
universal joint with allowance for end play
articulation (f) *ou* cardan (m) à déplacement longitudinal



карданъ (m) съ продольнымъ перемѣщеніемъ
giunto (m) a crociera spostabile longitudinalmente
articulación (f) *ó* cardan (f) con desplazamiento longitudinal
2

Kardangehäuse (n)
fork piece *or* housing of universal joint
enveloppe (f) *ou* chape (f) de cardan

a

коробка (f) кардана
scatola (f) del cardano
envoltura (f) de la cardan
3

Kardanzapfen (m)
pin *or* gudgeon of universal joint
tourillon (m) du cardan

b

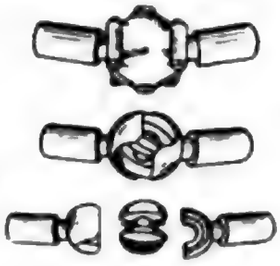
цапфа (f) кардана
spino (m) *o* perno (m) del giunto universale
perno (m) de la cardan
4

Kardanstein (m)
Cardan, trunnion block
dé (m) du cardan

c

карданный камень (m) *или* палецъ (m) *или* вкладышъ (m); сухаръ (m)
dado (m) del cardano
dado (m) de la cardan
5

Kugelkardan (n)
universal ball joint
cardan (m) à rotule, cardan (m) à sphère portant des rainures croisées



шаровой карданъ (m)
giunto (m) a cardano sferico
cardan (f) de rótula, cardan (f) de esfera (con ranuras en cruz)
6

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geschlossenes Kugelkardan (n)
enclosed ball joint
cardan (m) à rotule *ou* à sphère enveloppé

закрытый шаровой карданъ (m)
giunto (m) a cardano sferico rinchiuso
cardan (f) de rótula *ó* de esfera en una envoltura
7

Kardanschmierung (f)
lubrication of universal joint
graissage (m) du cardan

смазка (f) кардана
lubrificazione (f) del cardano
engrase (m) de la cardan
8

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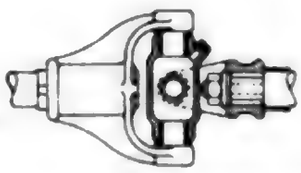
selbstschmierendes Kardangelenk (n)
self lubricating universal joint
cardan (m) à lubrification automatique



шарнирное соединеніе (n) кардана съ автоматической смазкой; самосмазывающійся карданъ (m)
giunto (m) cardanico a lubrificazione automatica
cardan (f) con lubrificación automática
9

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1 Kardanstützrohr (n)
supporting *or* stay tube for Cardan shaft
tube (m) *ou* douille (f) de support du cardan

опорная трубка (f) кардана
tubo (m) di sopporto del cardano
tubo (m) *ó* abrazadera (f) del soporte de la cardan

---

2 Längsbeweglichkeit (f) der Kardanwelle durch Vierkant
longitudinal displacement of Cardan shaft by means of sliding square crosshead
déplacement (m) longitudinal du cardan au moyen d'un dé coulissant

a

продольное перемѣщеніе (n) кардана на четырёхгранной головкѣ
spostamento (m) longitudinale del cardano a coulisse
desplazamiento (m) longitudinal de la cardan por medio de un dado

---

3 Kardaneinkapselung (f)
closed casing for Cardan joint
cardan (m) à enveloppe hermétique

карданный глухой картеръ (m); карданная коробка (f), закрытая герметически
chiusura (f) ermetica del cardano
cardan (f) con cubierta hermética

---

4 Lederschutzhülle (f) für das Kardangelenk
leather guard for Cardan joint
enveloppe (f) *ou* boîte (f) en cuir pour cardan

кожаная предохранительная покрышка (f) для кардана; кожаный предохранительный чехолъ (m) для кардана
borsa (f) *o* cuffia (f) in cuoio per giunto cardanico
cubierta (f) *ó* caja (f) de cuero para cardan

---

5 Knochengelenk (n), Knochenkupplung (f)
knuckle *or* ball and socket joint
rotule (f)

суставъ (m)
rotella (f)
rótula (f)

---

6 Vierkantknüppel (m)
square crosshead
carré (m) *ou* dé (m) de joint articulé

a

четырёхгранный палецъ (m)
dado (m) quadro
varilla (f) cuadrada *ó* dado (m) de articulación

---

7 Vierkantgelenk (n)
joint with squared crosshead
articulation (f) par carré *ou* dé

четырёхгранный шарниръ (m)
giunto (m) a dado quadro
articulación (f) de varilla cuadrada *ó* de dado

---

8 Kardanwelle (f)
Cardan shaft
arbre (m) de cardan

ось (f) кардана
albero (m) a cardano
árbol (m) de cardan

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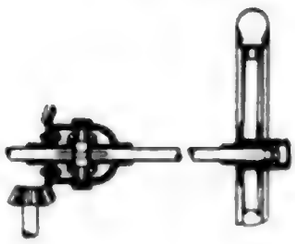
Differentialachse (f)
live axle
arbre (m) du différentiel, essieu (m) commandé par différentiel



дифференціальная ось (f)
albero (m) differenziale
árbol (m) del diferencial, eje (m) mandado por diferencial
1

Hinterachsgehäuse (n)
rear *or* back axle casing
articulation (f) de l'essieu arrière

коробка (f) задней оси
scatola (f) dell'asse posteriore
articulación (f) del eje trasero
2

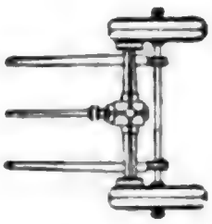
Hinterachswelle (f)
back *or* rear axle shaft
arbre (m) du pont-arrière

валъ (m) задней оси
albero (m) dell'asse posteriore
eje (m) trasero
3

Kraftübertragung (f) durch Ritzelantrieb
transmission by pinion drive
transmission (f) par engrenage

передача (f) шестернями
trasmissione (f) ad ingranaggio ed a vite senza fine
transmisión (f) por engranaje
4

Hinter[achs]brücke (f)
back *or* rear axle
pont-arrière (m)



задній мостикъ (m); задняя движущая ось (f) автомобиля карданнаго типа
ponte (m) posteriore
puente (m) atrás
5

Hinterwagen (m)
rear carriage, rear of car
train-arrière (m)

задняя движущая ось (f) съ колёсами
treno (m) posteriore
tren (m) trasero
6

Zahnradbrücke (f)
geared back axle
pont-arrière (m) *ou* essieu-arrière (m) commandé par engrenages

задняя ось (f) автомобиля, приводимая въ движеніе зубчатыми колёсами
ponte (m) posteriore ad ingranaggi
puente (m) atrás *ó* eje (m) trasero mandado por engranajes
7

Ritzelwelle (f)
pinion shaft
arbre (m) à (commandé par) pignon, arbre (m) commandant un engrenage

валъ (m) шестерни
albero (m) di comando dell'ingranaggio
árbol (m) de piñon, árbol (m) accionando un engranaje
8

Antriebzahnkranz (m)
crown wheel
couronne (f) de roue dentée de commande

коронка (f) зубчатаго колеса
corona (f) dentata di comando
corona (f) de rueda dentada conductora
9

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1	Antriebritzel (n) driving pinion engrenage (m) de commande	приводная шестерня (f) ingranaggio (m) di comando engranaje (m) de mando, engranaje (m) conductor
2	Außenverzahnung (f) external teeth (pl) denture (f) extérieure	наружное зацѣпленіе (n) dentatura (f) esterna engranaje (m) exterior
3	Innenverzahnung (f) internal teeth (pl) denture (f) intérieure	внутреннее зацѣпленіе (n) dentatura (f) interna engranaje (m) interior
4	Zahnradschutzkasten (m) gear box carter (m) des engrenages	картеръ (m) зубчатаго привода; предохранительная коробка (f) зубчатаго привода carter (m) *o* scatola (f) degli ingranaggi carter (m) de engranaje
5	Schubbalken (m) torsion *or* torque beam poutre (f) contre-balançant l'effort de torsion, poutre (f) de renfort	брусъ (m) противъ скручиванія и сдвига biella (f) *od* asta (f) assorbente lo sforzo di torsione viga (f) que soporta el esfuerzo de torsión, viga (f) de refuerzo
6	hölzerner Schubbalken (m) wooden torsion *or* torque beam poutre (f) en bois de renfort	деревянный брусъ (m) противъ скручиванія и сдвига biella (f) *od* asta (f) di legno assorbente lo sforzo di torsione viga (f) de madera que soporta el esfuerzo de torsión
7	Schubbalkenbeschlag (m) fittings of torque beam accessoires (m pl) de la poutre de renfort	оковка (f) бруса противъ скручиванія и сдвига guarnitura (f) dell'asta assorbente lo sforzo di torsione guarnición (f) de la viga que soporta el esfuerzo de torsión
8	Schubbalkenaufhängung (f) torque beam suspension bracket suspension (f) de la poutre de renfort	подвѣска (f) бруса противъ скручиванія и сдвига sospensione (f) dell'asta assorbente lo sforzo di torsione, attacco (m) dell'asta di spinta suspensión (f) de la viga que soporta el esfuerzo de torsión

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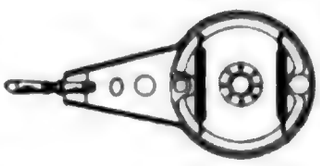
aus Stahlblech gepreßter Schubbalken (m)
torsion *or* torque beam of pressed steel
poutre (f) en tôle d'acier de renfort

брусъ (m) противъ скручиванія и сдвига изъ штампованной стали
asta (f) di spinta in lamiera di acciaio stampata *1*
viga (m) de chapa de acero que soporta el esfuerzo de torsión

---

Schubscheibe (f)
torque *or* torsion beam plate
plaque (f) contre-balançant l'effort de torsion



дискъ (m) противъ скручиванія и сдвига
disco (m) di spinta *2*
placa (f) que soporta el esfuerzo de torsión

---

angeflanschte Schubscheibe (f)
flanged torsion plate
disque (m) a bride (supportant l'effort de torsion)

дискъ (m) противъ скручиванія и сдвига, прикрѣплённый посредствомъ фланцевъ
disco (m) di spinta a flangie *3*
disco (m) de brida (que absorve el esfuerzo de torsión)

Getriebe
Transmission Gear, Drive
Mécanisme

Механизмъ
Meccanismo di trasmissione *4*
Mecanismo

Riementrieb (m)
belt drive
commande (f) par courroie

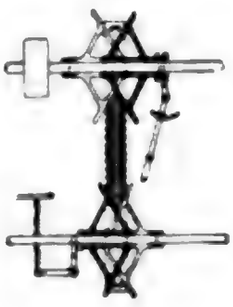
ременная передача (f)
comando (m) a cinghia *5*
impulsión (f) por correa

Riemenwechselwerk (n)
belt change speed gear
changement (m) de vitesse (*ou* de direction) par courroie

механизмъ (m) для перемѣны скорости [*или* для перемѣны хода] ремнемъ
congegno (m) per cambiamento di velocità a cinghia *6*
cambio (m) de velocidad *ó* de dirección por correa

---

im Durchmesser ververänderliche Riementrommel (f), Expansionsriemenscheibe (f)
expansible *or* expanding pulley
poulie (f) à diamètre variable, poulie (f) extensible



раздвижной двухконическій шкивъ (m) ременной передачи съ перемѣннымъ діаметромъ *7*
puleggia (f) a diametro variabile, puleggia (f) ad espansione
polea (f) extensible

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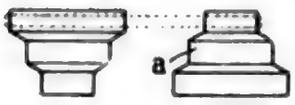
1 Stufenscheibe (f)
stepped cone
poulie (f) étagée

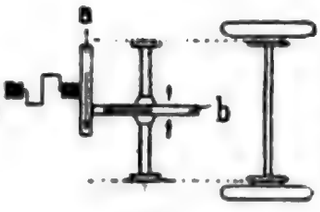


a

ступеньчатый шкивъ (m)
puleggia (f) multipla
polea (f) escalonada

---

2 Reibradgetriebe (n)
friction gear
commande (f) par roues de friction



передача (f) посредствомъ фрикціонныхъ колёсъ
cambio (m) di velocità a ruote di frizione
mando (m) por ruedas de fricción

---

3 Reibscheibe (f), Planscheibe (f)
friction disc
plateau (m) de friction

a

фрикціонный дискъ (m)
disco (m) di frizione
platillo (m) de fricción

---

4 Reibrad (n)
friction wheel
roue (f) à friction

b

фрикціонное колесо (n); колесо тренія
ruota (f) di frizione
rueda (f) de fricción

---

5 Anpressungsdruck (m)
pressure, pressure between two surfaces in juxtaposition
pression (f) résultant du contact [de deux surfaces], pression (f) de contact

нажимное *или* прижимное усилие (n)
pressione (f) producente la frizione
presión (f) resultante del contacto de dos superficies

---

6 Umfangsgeschwindigkeit (f)
circumferential velocity *or* speed
vitesse (f) à la circonférence

окружная скорость (f)
velocità (f) periferica
velocidad (f) en la periferia

---

7 Umfangskraft (f)
circumferential power
force (f) dont le point d'application est à la circonférence

окружное усилие (n); скружная оила (f)
forza (f) periferica
fuerza (f) cuyo punto de aplicación está en la periferia

---

8 beledertes Reibrad (n)
leather faced friction wheel
roue (f) à friction garnie de cuir

фрикціонное колесо (n), обтянутое кожей
ruota (f) di frizione guarnita di cuoio
rueda (f) de fricción guarnecida de cuero

---

9 hochkant aufgewundener Lederriemen (m)
belt composed of strips of leather set edgewise
courroie (f) en cuir posée de champ

a

кожаный ремень (m), надѣтый ребромъ *или* узкою гранью
cinghia (f) di cuoio montata sul cerchio
correa (f) de cuero puesta de canto

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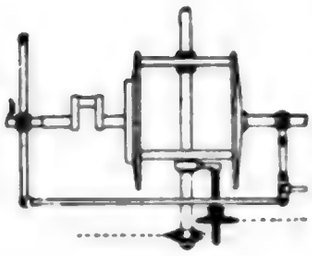
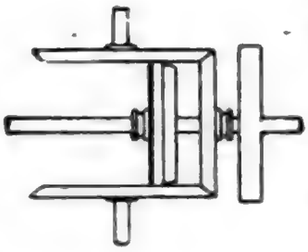
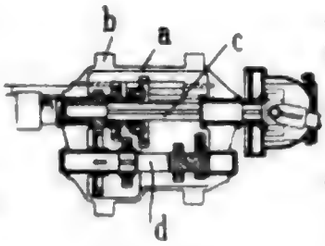
Doppelreibscheibengetriebe (n) double disc friction gear commande (f) par double roue de friction		передача (f) посредствомъ двойныхъ фрикціонныхъ колёсъ cambio (m) di velocità a doppia ruota di frizione mando (m) por doble rueda de fricción	1
Kegelreibscheibengetriebe (n) cone friction gear commande (f) par cônes de friction		передача (f) посредствомъ фрикціонныхъ конусовъ comando (m) a coni di frizione mando (m) por conos de fricción	2
Reibradgetriebe (n) mit direkter Kupplung direct coupled friction gear commande (f) par roue de friction à accouplement direct		передача (f) посредствомъ фрикціонныхъ колёсъ съ прямымъ *или* съ непосредственнымъ сцѣпленіемъ trasmissione (f) per ruote di frizione ad accoppiamento diretto mando (m) por rueda de fricción de acoplamiento directo	3
Zahnräder[wechsel]-getriebe (n) change spur gearing engrenages (m pl) de changement de vitesse		зубчатый приводъ (m) перемѣны скоростей ingranaggi (m pl) del cambio di velocità engranajes (m pl) de cambio de velocidad	4
Getriebekasten (m) gear box, change speed gear box boite (f) des vitesses	a	коробка (f) скоростей scatola (f) *o* carter (m) del cambio di velocità caja (f) de velocidades	5
Getriebearm (m) gear lever, change speed lever levier (m) de commande	b	рычагъ (m) перемѣны скоростей leva (f) di comando palanca (f) de mando	6
Antriebwelle (f) driving *or* propeller shaft arbre (m) de commande, arbre (m) primaire	c	приводной валъ (m); ведущій валъ albero (m) di comando, albero (m) primario árbol (m) de mando *ó* primario	7
Vorgelegewelle (f) gear shaft, lay *or* secondary shaft arbre (m) de renvoi, arbre (m) secondaire	d	передаточный валъ (m) albero (m) di rinvio, albero (m) secondario árbol (m) de cambio *ó* secundario	8

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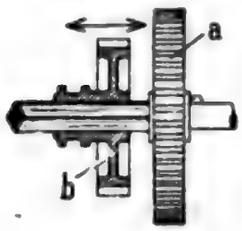
1 festes Rad (n)
fixed wheel
pignon (m) *ou* engrenage (m) fixe



коренная шестерня (f)
ingranaggio (m) fisso
piñón (m) *ó* engranaje (m) fijo

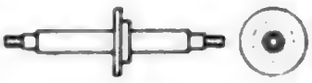
2 verschiebbares Rad (n)
sliding pinion
pignon (m) *ou* engrenage (m) du train balladeur

a

b

подвижная шестерня (f)
ingranaggio (m) mobile *o* del treno mobile
piñón (m) *ó* engranaje (m) del tren desplazable

3 Flanschwelle (f)
flanged shaft *or* spindle
arbre (m) à bride



валъ (m) съ фланцомъ
albero (m) a flangia
árbol (m) (redondo) con brida

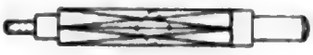
4 Profilwelle (f), Kreuzprofilwelle (f)
profile shaft, shaft of special cross section
arbre (m) profilé

фасонный валъ (m); валъ крестообразнаго сѣченія
albero (m) profilato
árbol (m) perfilado

5 Welle (f) mit angefrästen Federn
shaft with keys milled out of the solid
arbre (m) à clavettes longitudinales fraisées (dans le métal)

валъ (m) съ фрез[ер]ованными гребнями *или* съ вышарошенными шпонками
albero (m) con rilievi longitudinali a chiavetta
árbol (m) de chavetas longitudinales fresadas en el metal

6 Vierkantwelle (f)
square shaft *or* spindle
arbre (m) carré

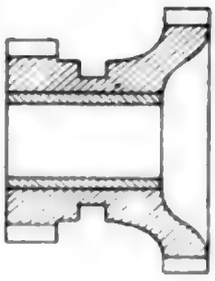


квадратный валъ (m); четырёхгранный валъ
albero (m) di sezione quadrata
árbol (m) cuadrado

7 Wechselrad (n)
change speed wheel *or* pinion
engrenage (m) de changement de vitesse

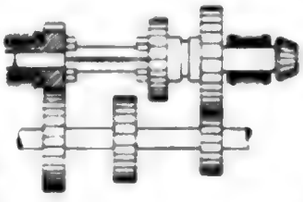
шестерня (f) для передачи скоростей
ingranaggio (m) del cambio di velocità
engranaje (m) del cambio de velocidades

8 doppeltes Schubrad (n), verschiebbarer Zahnradsatz (m)
sliding double change speed wheels *or* pinions
train (m) baladeur *ou* balladeur



двойныя передвижныя *или* переставныя шестерни (f pl); двойныя ходовыя шестерни
train (m) balladeur, ruota (f) mobile doppia, serie (f) di ingranaggi spostabili, treno (m) mobile
tren (m) desplazable

9 Getriebe (n) mit direktem dritten Gang
change speed gear with direct drive on the third speed
changement (m) de vitesse avec troisième vitesse en prise directe



перемѣна (f) скоростей съ непосредственной передачей на третьей скорости
cambio (m) di velocità con terza velocità in presa diretta
cambio (m) de velocidad con la tercera directa

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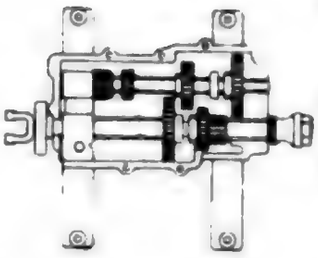
Getriebe (n) mit Durchschaltung
gear with through drive
changement (m) de vitesse avec prise directe



перемѣна (f) скоростей съ прямымъ зацѣпленіемъ
cambio (m) di velocità con presa diretta
cambio (m) de velocidad con toma ó velocidad directa 1

Getriebe (n) mit unmittelbarem Eingriff und ausgeschaltetem Vorgelege
speed gear with direct drive leaving countershaft neutral
changement (m) de vitesse à prise directe et arbre secondaire sans emprise

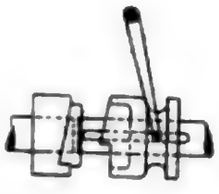
перемѣна (f) скоростей съ прямымъ зацѣпленіемъ и выключеннымъ вспомогательнымъ валомъ
cambio (m) di velocità con presa diretta ed albero secondario comandato indirettamente
cambio (m) de velocidades de toma ó velocidad directa y árbol secundario no engranado 2

---

unmittelbarer Eingriff (m)
through coupling, direct drive *or* coupling
prise (f) directe

непосредственное *или* прямое зацѣпленіе (n)
presa (f) diretta
toma (f) ó velocidad (f) directa 3

Klauenkupplung (f)
dog clutch, claw coupling
accouplement (m) à griffe

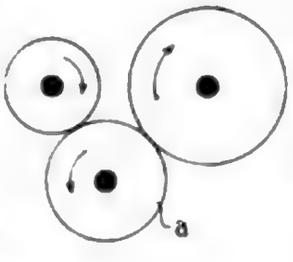


сцѣпленіе (n) лапкой; сцѣпленіе зубцомъ; кулачная *или* зубчатая муфта (f)
innesto (m) a denti
acoplamiento (m) por garras 4

Kupplung (f) durch Außen- und Innenverzahnung
coupling *or* engagement by means of external and internal teeth
accouplement (m) *ou* embrayage (m) par denture extérieure et intérieure

сцѣпленіе (n) шестернями съ наружными и внутренними зубцами
innesto (m) a dentatura esterna ed interna
acoplamiento (m) ó embrague (m) por engranaje exterior é interior 5

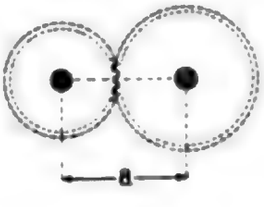
Umkehrrad (n), Rücklaufrad (n)
reverse gear wheel
pignon (m) *ou* engrenage (m) de marche arrière



a

шестерня (f) задняго хода
ingranaggio (m) per retromarcia
piñón (m) ó engranaje (m) de marcha atrás 6

Achsentfernung (f)
distance between shafts
distance (f) entre les arbres



a

разстояніе (n) между валами *или* между осями
distanza (f) tra gli alberi
distancia (f) entre los árboles 7

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1 Zahnrad (n), Kammrad (n)
tooth *or* spur wheel
roue (f) dentée

зубчатое колесо (n)
ruota (f) dentata
rueda (f) dentada

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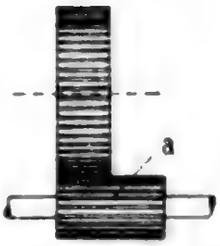
2 doppeltbreites Zahnrad (n)
double width spur wheel
roue (f) dentée de largeur double



a

двойное зубчатое колесо (n)
ruota (f) dentata doppia
rueda (f) dentada de anchura doble

---

3 unterschnittener Zahn (m)
waisted tooth
dent (f) entaillée à la racine, denture (f) à point

a

подрѣзанный [у ножки] зубецъ (m)
dente (m) rientrante alla radice
diente (m) entallado por la raiz

---

4 korrigierter Zahn (m)
corrected tooth
dent (f) à profil corrigé

зубецъ (m) съ подправленнымъ профилемъ
dente (m) a profilo corretto
diente (m) de perfil corregido

---

5 Übersetzungsverhältnis (n)
gear ratio
rapport (m) de multiplication *ou* de transmission

$$\frac{d_1}{d_2}$$

передаточное число (n); отношение (n)
rapporto (m) di trasmissione
relación (f) de multiplicación *ó* de transmisión

---

6 Übersetzung (f)
gear
transmission (f), multiplication (f)

передача (f)
trasmissione (f)
transmisión (f), multiplicación (f)

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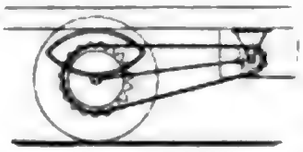
7 Kettengetriebe (n)
chain drive
commande (f) par chaînes



цѣпная передача (f)
trasmissione (f) a catene
mando (m) por cadenas

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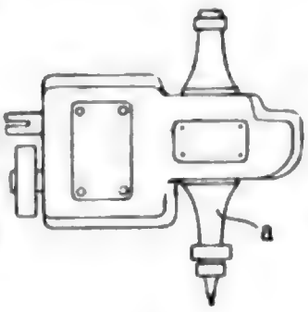
8 Getriebetrichter (m)
conical *or* funnel shaped differential gear casing
fourreau (m) conique de l'arbre différentiel



a

коническая коробка (f) дифференціала
custodia (f) dell'albero di trasmissione
tubo (m) cónico de envuelta del árbol diferencial

---

9 Kegelrad (n)
bevel wheel *or* pinion
pignon (m) d'angle, engrenage (m) d'angle

a

коническое зубчатое колесо (n)
pignone (m) d'angolo, pignone (m) conico
piñón (m) de ángulo, engranaje (m) de ángulo

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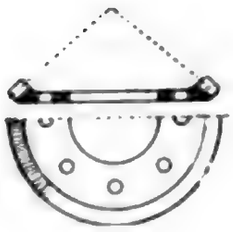
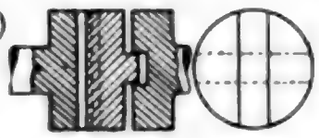
angeflanschter Kegelradkranz (m)
flanged crown wheel
couronne (f) de roue d'angle rapportée



прифланцованный ободъ (m) или вѣнчикъ (m) коническаго колеса
corona (f) dentata conica, corona (f) dentata d'angolo
corona (f) añadida á la rueda cónica 1

Oldham-Gelenk (n), Oldham-Kupplung (f)
Oldham coupling
articulation (f) d'Oldham, accouplement (m) de cardan



муфта (f) или шарниръ (m) Ольдгэма; сцѣпленіе (n) Ольдгэма
giunto (m) d'Oldham
articulación (f) de Oldham, acoplamiento (m) de Oldham 2

Kettenradwelle (f)
sprocket wheel shaft
arbre (m) pour pignon à chaine

[промежуточный] валъ (m), несущій цѣпныя шестерни
albero (m) del tamburo a catena o del pignone portacatena
árbol (m) para piñón de cadena 3

Kettenradlager (n)
sprocket wheel bearing
palier (m) du pignon à chaine

подшипникъ (m) [промежуточнаго вала] цѣпной шестерни
sopporto (m) del pignone a catena
soporte (m) del piñón de cadena 4

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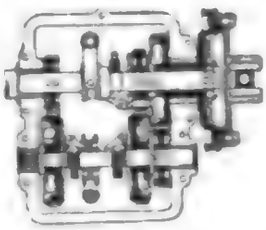
glockenförmiges Kettentriebrad (n)
cup *or* bell shaped chain *or* sprocket wheel
pignon (m) pour chaine concave

колоколообразная цѣпная шестерня (f); колоколообразное приводное цѣпное колесо (n)
pignone (m) portacatena a campana
piñón (m) de cadena en forma de campana 5

Getriebe (n) mit dauernd im Eingriff befindlichen Rädern
gear with permanently meshing spur wheels
changement (m) de vitesse avec engrenages toujours en prise

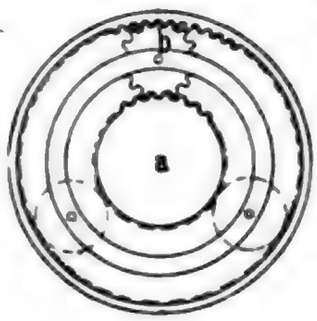


передача (f) съ постоянно сцѣплёнными зубчатыми колёсами
cambio (m) di velocità con ingranaggi sempre in presa
cambio (m) de velocidad por ruedas siempre engranadas 6

Zahnstange (f)
rack
crémaillère (f)

зубчатая рейка (f)
asta (f) dentata
cremallera (f) 7

Umlaufgetriebe (n), Planetengetriebe (n)
sun and planet wheel *or* epicyclic gear
commande (f) par engrenage à planète



передача (f) планет[ар]ной системой шестеренъ
cambio (m) di velocità planetario
mando (m) por engranaje satélite 8

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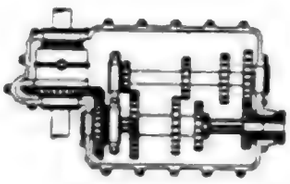
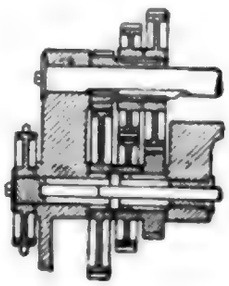
1	Antriebrad (n) driving wheel roue (f) de commande *ou* d'attaque	a	ведущее колесо (n) pignone (m) di comando rueda (f) de mando *ó* de ataque
2	Sternrad (n), Planetenrad (n) pinion roue (f) étoilée, pignon (m) satellite	b	планет[ар]ное колесо (n); звѣздка (f) pignone (m) satellite rueda (f) estrellada, piñón (f) satélite
3	Zahnradgetriebe (n) toothed wheel gear commande (f) par roue dentée		зубчатая передача (f) comando (m) ad ingranaggi mando (m) por rueda dentada
4	Wechselgetriebe (n) change speed gear changement (m) de vitesse		перемѣна (f) скоростей cambio (m) di velocità cambio (m) de velocidad
5	Nut[e] (f) groove, slot rainure (f), encoche (f)		жолобъ (m); желобокъ (m); канавка (f) scanalatura (f) ranura (f)
6	Getriebe (n) mit zentral betätigten Kupplungen, (Getriebe mit einzeln durch verschiebbare Nase und dergl. zu kuppelnden Rädern) gear with wheels engaged by means of a sliding cam commande (f) par roues d'accouplement à broche *ou* doigt d'entraînement mobile		передача (f) съ центральнымъ управленіемъ сцѣпленія колёсъ; передача посредствомъ отдѣльныхъ зубатыхъ колёсъ, сцѣпляемыхъ при помощи передвигаемой зацѣпки *или* при помощи подвижного пальца cambio (m) di velocita con comando d'innesto centrale *o* con ruote accoppiantisi per mezzo di un'asta a chiavetta spostabile mando (m) por ruedas de acoplamiento con espiga de arrastre móvil
7	Schubgetriebe (n) sliding gear changement (m) par baladeur		передача (f) посредствомъ ходовыхъ *или* передвиж ныхъ *или* переставныхъ шестеренъ cambio (m) di velocità a perno spostabile cambio (m) por tren desplazable

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Zweigeschwindigkeitsgetriebe (n)
two speed gear
changement(m) *ou* transmission (f) pour deux vitesses, mécanisme (m) *ou* boite (f) pour deux vitesses

передача (f) съ двумя скоростями; коробка (f) съ двумя скоростями
cambio (m) a due velocità
cambio (m) *ó* mando (m) *ó* transmisión (f) por dos velocidades, caja (f) de dos velocidades

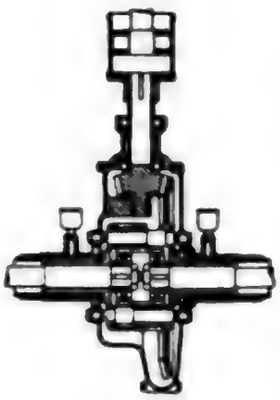
1

Ausgleichgetriebe (n), Differentialgetriebe(n)
differential gear, differential
[transmission (f) par [différentiel (m), dispositif (m) de compensation [des vitesses]

дифференціальный механизмъ (m); дифференціалъ (m)
differenziale (m), meccanismo (m) differenziale
[transmisión (f) por] diferencial (m), disposición (f) de compensación [de las velocidades]

2

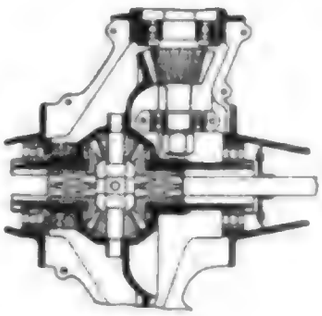
Stirnraddifferential (n)
spurwheel differential
différentiel (m) à engrenages droits



дифференціалъ (m) съ цилиндрическими зубчатыми колёсами
differenziale (m) ad ingranaggi cilindrici
engranaje (m) diferencial plano

3

Kegelraddifferential (n)
conical pinion differential gear, bevel pinion differential
différentiel (m) à roues d'angle



дифференціалъ (m) съ коническими зубчатыми колёсами
differenziale (m) ad ingranaggi conici
diferencial (m) con engranajes cónicos

4

Differentialgehäuse (n)
case of differential
carter (m) *ou* boite (f) du différentiel

коробка (f) дифференціала
scatola (f) del differenziale
carter (m) *ó* caja (f) del diferencial

5

Differentialkreuz (n), Differentialstern (m)
differential pinion
croisillon (m) du différentiel

крестовина (f) дифференціала
braccio (m) del differenziale
eje (m) de los satélites del diferencial

6

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1 Differentialwelle (f)
differential shaft
arbre (m) du différentiel

валъ (m) дифференціала
albero (m) differenziale, asse (m) differenziale
árbol (m) del diferencial

---

a

2 Differentialseitenrad (n)
crown wheel of the differential
couronne (f) du différentiel

боковое колесо (n) *или* корона (f) дифференціала
ingranaggio (m) differenziale
corona (f) del diferencial

---

3 Schaltung (f)
control gear
commande (f) des embrayages *ou* enclanchements

переключеніе (n) скоростей *или* шестеренъ
comando (m)
mecanismo (m) de accionamiento de los embragues

---

4 Getriebeschaltung (f)
gear control mechanism, striking gear
commande (f) *ou* enclanchement (m) *ou* embrayage (m) du changement de vitesse *ou* de la mise en marche *ou* des baladeurs

приспособленіе (n) для переключенія шестеренъ
comando (m) del cambio di velocità
mando (m) del cambio de velocidad *ó* de puesta en marcha *ó* del tren desplazable

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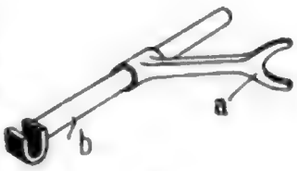

a

5 Schaltgabel (f)
striker chlutch *or* fork
fourchette (f) de commande *ou* d'embrayage *ou* d'enclanchement (du changement de vitesse *ou* des baladeurs)

вилка (f) для переключенія [шестеренъ]
forcella (f) di comando cambio velocità
horquilla (f) de mando (del cambio de velocidad *ó* del tren desplazable)

---

b

6 Schaltstange (f)
striker rod
tringle (f) de commande *ou* d'embrayage *ou* d'enclanchement (du changement de vitesse *ou* des baladeurs)

стержень (m) для переключенія [шестеренъ]
tirante (m) di comando cambio velocità
varilla (f) de embrague (y desembrague) (del cambio de velocidad *ó* del tren desplazable)

---

7 Schaltzug (m)
hand gear
timonerie (f) d'embrayage *ou* d'enclanchement (du changement de vitesse *ou* des baladeurs)

тяга (f) для переключенія
treno (m) di comando
palancas (f pl) de embrague (del cambio de velocidad *ó* del tren desplazable)

---

8 Schaltgestänge (n)
striking *or* control rods
tringles (f pl) commandant les baladeurs

система (f) тягъ для переключенія
aste (f pl) di comando
varillas (f pl) de mando (de la horquilla)

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Feststellvorrichtung (f)
holding *or* retaining device
dispositif (m) de verrouillage

задвижное *или* задерживающее приспособленіе (m)
dispositivo (m) d'arresto *1*
disposición (f) de cierre, cerrojo (m)

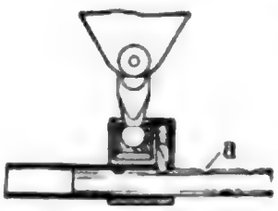
Schnäpper (m), Schnepper (m)
latch, spring catch *or* plunger device
verrou (m) à ressort

защёлка (f); задвижка (f)
perno (m) d'arresto a molla *2*
cerrojo (m) de resorte

Schnäpperstift (m)
plunger
broche (f) de verrou

штифтъ (m) защёлки *или* задвижки
stelo (m) del perno d'arresto a molla *3*
varilla (f) del cerrojo

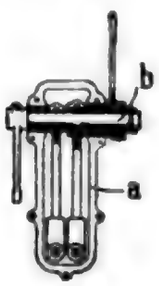
Kerbe (f)
notch
encoche (f)



a

зарубка (f)
tacca (f), incavo (m)
entalladura (f), muesca (f) *4*

Schaltgehäuse (n)
latch gear casing
carter (m) d'embrayage *ou* d'enclanchement (du changement de vitesse *ou* de la mise en marche *ou* des baladeurs)



a

картеръ (m) сцѣпляющагомеханизма
scatola (f) di blocco
carter (m) del embrague (y de desembrague) (del cambio de velocidad *o* del tren desplazable) *5*

Schaltwelle (f)
control shaft
arbre (m) d'embrayage *ou* d'enclanchement (des baladeurs *ou* du changement de vitesse)

b

валъ (m) для включенія
albero (m) di comando cambio velocità
árbol (m) de embrague (y de desembrague) (del cambio de velocidad *ó* del tren desplazable) *6*

Schaltrohr (n)
control tube
fourreau (m) d'embrayage *ou* d'enclanchement (du changement de vitesse *ou* des baladeurs)

трубка (f) включенія
tubo (m) del meccanismo di comando cambio velocità
tubo (m) del mecanismo de embrague (del cambio de velocidad *ó* del tren desplazable) *7*

Schalthebel (m)
control *or* gear *or* hand lever
levier (m) du changement de vitesse *ou* d'enclanchement *ou* d'embrayage [des baladeurs]

a

рычагъ (m) перемѣны скоростей
leva (f) di comando cambio velocità
palanca (f) de embrague (y de desembrague) (del tren desplazable *ó* de cambio de velocidad) *8*

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Seitenschaltung (f)
side control
1 commande (f) d'embrayage *ou* d'enclanchement latéral

боковое включенiе (n)
comando (m) laterale del cambio di velocità
mando (m) lateral del embrague

Kulissenschaltung (f), H-Schaltung (f)
2 gate type of gear control
commande (f) d'enclanchement par coulisse

включенiе (n) кулисою; сцѣпленiе (n) въ клѣтку
comando (m) a scanalatura del cambio di velocità
mando (f) del embrague por medio de corredera

Schaltkulisse (f)
gate
3 coulisse (f) de la commande d'enclanchement

включающая кулиса (f); клѣтка (f)
scanalatura (f) di comando cambio di velocità
corredera (f) del mando del embrague

Schaltbogen (m), Schaltsegment (n)
4 quadrant
secteur (m) d'enclanchement *ou* de changement de vitesse

секторъ (m) перемѣны скоростей
settore (m) di comando cambio di velocità
sector (m) de embrague *ó* del cambio

Kurvenschaltung (f)
5 quadrant control
enclanchement (m) au moyen d'une courbe

включенiе (n) посредствомъ кривой
comando (m) cambio di velocità per mezzo di curva
embrague (m) por medio de una curva

---

der zweite „Gang", die „Zweite"
6 second speed *or* the "second"
seconde »vitesse»

вторая скорость (f)
seconda velocità
segunda »velocidad«

Rückwärtsgang (m)
7 reverse
marche (f) [en] arrière

обратный *или* заднiй ходъ (m)
retromarcia (f)
marcha (f) [hacia] atrás

---

einen Gang einschalten (v)
8 to put in a speed
mettre (v) une vitesse en prise

включить скорость
innestare (v) una velocità
tomar (v) una velocidad, establecer (v) una velocidad

---

einen Gang herausnehmen (v) *oder* ausschalten (v)
9 to throw out a gear *or* speed
déclancher (v) *ou* débrayer (v) une vitesse

выключить скорость
togliere (v) *o* disinnestare (v) una velocità
desembraguar (v) una velocidad

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vom zweiten Gang auf den dritten übergehen (v)
to change over from second to third speed
passer (v) de la deuxième à la troisième vitesse

перейти со второй скорости на третью
passare (v) dalla seconda alla terza velocità
mudar (v) ó pasar (v) de la segunda velocidad á la tercera
1

Lenkung (des Fahrzeuges)
Steering
Direction (des automobiles)

Управленіе (автомобилемъ)
Direzione o guida (degli automobili)
Dirección (de los automóviles)
2

Führung (f) (des Fahrzeuges)
driving
conduite (f) (du véhicule)

управленіе (n) автомобилемъ
condotta (f) (degli automobili)
conducción (f) (del vehículo)
3

Steuerung (f), Lenkvorrichtung (f)
steering gear
[appareil (m) de] direction (f), dispositif (m)

руль (m); рулевой механизмъ (m)
meccanismo (m) di direzione, sterzo (m)
mecanismo (m) de dirección
4

Achsschenkellenkung (f)
steering by means of pivoted levers
direction (f) par rotation *ou* convergence des fusées, direction (f) à deux pivots

управленіе (n) поворотомъ осевыхъ цапфъ
direzione (f) a fusi snodati
dirección (f) por rotación ó convergencia de los muñones ó de las cañoneras, dirección (f) por los pivotes
5

Lenkräder (n pl) mit beweglichen Achsen *oder* Winkelachsen
steering wheels with pivoted axles *or* steering swivels
roues (f pl) directrices à fusées pivotantes

направляющія колёса (n pl) съ поворотными цапфами
ruote (f pl) direttrici con fusi a snodo
ruedas (f pl) directrices de los muñones ó de las cañoneras giratorios
6

Drehschemellenkung (f)
steering by means of a pivoted bogie
direction (f) à avant-train pivotant

управленіе (n) поворотомъ на шкворнѣ
direzione (f) ad avantreno girante
dirección (f) con avantren giratorio
7

selbstsperrende Lenkung (f)
self locking *or* irreversible steering gear
direction (f) irréversible

постоянное *или* необратимое [рулевое] управленіе (n)
direzione (f) irreversibile
dirección (f) irreversible
8

Lenkungsausschlag (m)
steering lock
[angle (m) de] braquage (m)

уголъ (m) поворота переднихъ колёсъ
[angolo (m) di] sterzo (m)
ángulo (m) de giro
9

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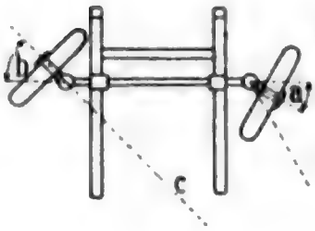
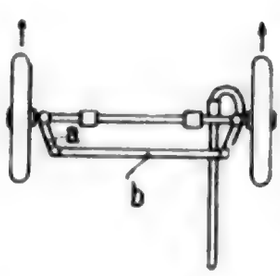
1	Einschlag (m) der Räder obliquity of the wheels obliquité (f) des roues		непараллельность (f) колёсъ non-parallelismo (m) delle ruote oblicuidad (f) de las ruedas
2	Einschlagwinkel (m) angle of obliquity angle (m) d'obliquité	a, b	уголъ (m) непараллельности angolo (m) d'inclinazione delle ruote, angolo (m) d'obliquità delle ruote ángulo (m) de oblicuidad
3	Lenkradius (m) radius of wheel paths rayon (m) de direction *ou* de convergence	c	радіусъ (m) поворота raggio (m) di sterzo radio (m) de dirección *ó* de convergencia
4	kleinster Lenkkreis (m) the smallest circle in which the chassis can turn, minimum turning circle cercle (m) de direction à rayon le plus court		наименьшая окружность (f) поворота circolo (m) minimo di sterzo círculo (m) de dirección de radio más corto
5	Flattern (n) der Räder unsteadiness *or* wobbling of the wheels flottement (m) des roues		виляніе (n) колёсъ sbatacchiamento (m) *o* sbattimento (m) delle ruote oscilamiento (m) de las ruedas
6	Lenkviereck (n), Lenktrapez (n) steering axle quadrangle *or* trapeze, front axle with trapezoidal arrangement of steering gear quadrilatère (m) *ou* trapèze (m) (articulé) de direction		четырёхугольникъ (m), образованный управляющими тягами; передняя ось (f) съ направляющимъ механизмомъ, расположеннымъ въ видѣ четырёхугольника quadrilatero (m) articolato di sterzo, trapezio (m) di direzione cuadrilátero (m) articulado de dirección
7	Lenkhebel (m) steering lever levier (m) de direction	a	рулевое плечо (n); рулевой рычагъ (m) leva (f) di comando sterzo, leva (f) della direzione palanca (f) de dirección
8	Lenkverbindungsstange (f) connecting *or* coupling rod of steering gear barre (f) d'accouplement de la direction	b	соединительная тяга (f) [переднихъ колёсъ] sbarra (f) di congiunzione dello sterzo barra (f) de acoplamiento de la dirección

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Lenkschubstange (f)
controlling rod of steering gear
bielle (f) *ou* tige (f) de direction

a

управляющій шатунъ (m); тяга (f), соединяющая рулевой механизмъ на рамѣ съ механизмомъ на переднихъ колёсахъ
tirante (m) di comando sterzo
biela (f) *ó* varilla (f) de dirección

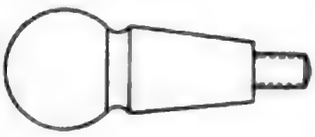
1

Lenkbolzen (m)
pivot bolt
cheville (f) *ou* tourillon (m) de fusée

штифтъ (m) *или* болтъ (m) осевой шейки
perno (m) del fuso
clavija (f) *ó* perno (m) para muñón

2

Kugelzapfen (m)
ball headed conical bolt
tourillon (m) sphérique, tourillon (m) à rotule



шарообразная цапфа (f)
perno (m) a palla, perno (m) sferico
muñón (m) esférico, muñón (m) de rótula

3

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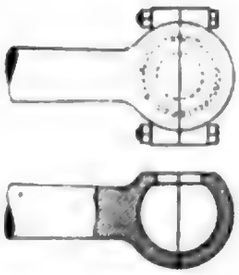
zweiteiliger Kugelkopf (m)
split ball socket
tourillon (m) sphérique en deux pièces, rotule (f) en deux pièces



двухраздѣльная *или* разъёмная шаровая головка (f)
ginocchiera (f) in due pezzi, perno (m) sferico in due pezzi
muñón (m) esférico de dos piezas

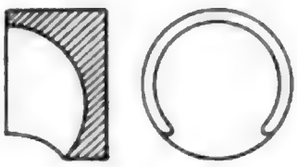
4

Schubstangenkopf (m)
head of controlling rod
tête (f) de la bielle de direction

головка (f) направляющей тяги
testa (f) del tirante di comando sterzo
cabeza (f) de la biela de dirección

5

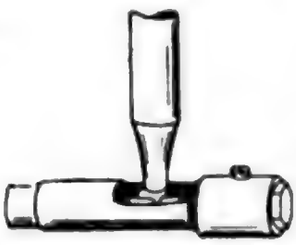
Kugelschale (f)
ball socket
coussinet (m) sphérique



шаровидный вкладышъ (m); сферическій вкладышъ (m)
cuscinetto (m) sferico
cojinete (m) esférico

6

Lenkungsstoßfänger (m)
spring ball joint of steering gear
amortisseur (m) de direction



амортизаторъ (m) *или* ослабитель (m) толчковъ рулевого механизма
smorzatore (m) della direzione
amortiguador (m) de dirección

7

Stoßfängerfeder (f)
ball joint spring
ressort (m) de l'amortisseur de direction

пружина (f) амортизатора
molla (f) dello smorzatore
resorte (m) del amortiguador de dirección

8

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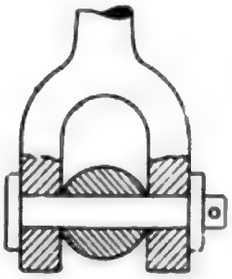
1 Lenkschubstange (f) mit Kreuzgelenkverbindung
controlling rod with universal joint
bielle (f) de direction avec articulation à la Cardan

направляющая тяга (f) съ карданнымъ шарнирнымъ соединеніемъ
tirante (m) di comando sterzo con giunto universale
biela (f) de dirección con articulación á la cardan



2 zweiseitig gelagerter Kugelbolzen (m)
ball and pin joint
boulon (m) avec rotule à double logement

шаровидный болтъ (m) на двухъ опорахъ
perno (m) sferico a due appoggi
perno (m) de rótula de doble apoyo

3 Steuerungsteil (m)
portion *or* part of steering gear
pièce (f) de la commande

часть (f) рулевого механизма
parte (f) *o* pezzo (m) dello sterzo
pieza (f) de mando

4 spielfreie Steuerung (f)
steering gear without any play *or* lost motion
commande (f) sans jeu

руль (m) безъ мёртваго хода
sterzo (m) senza giuoco
mecanismo (m) de mando sin juego

5 die Lenkung hat »Spiel«, die Lenkung hat »toten Gang«
there is play *or* lost motion in the gear
la direction a du jeu *ou* un déplacement à vide

рулевой механизмъ (m) имѣетъ мёртвый ходъ
lo sterzo ha del giuoco
la dirección tiene juego *ó* un desplazamiento en vacío

6 die Lenkung nachstellen (v)
to re-adjust the steering gear
régler (v) la direction

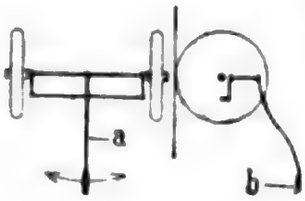
переста(-влять)-навливать руль
registrare (v) lo sterzo
arreglar (v) la dirección

7 das »Spiel« beseitigen (v)
to take up the slack, to remove the play
corriger (v) le jeu

устранить мёртвый ходъ
correggere (v) *o* eliminare (v) il giuoco
corregir (v) el juego

8 Handhebellenkung (f)
tiller steering
direction (f) par levier à main

управленіе (n) при помощи рукоятки
direzione (f) a leva a mano
dirección (f) por palanca de mano



9 Lenkstange (f)
tiller
tringle (f) de direction

направляющая тяга (f)
manubrio (m)
barra (f) de dirección

a

10 Griff (m), Handhabe (f)
tiller grip *or* handle
manette (f), poignée (f)

ручка (f)
manico (m), impugnatura (f)
mango (m)

b

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Radsteuerung (f), Radlenkung (f) wheel steering direction (f) à volant		управленіе (n) при помощи маховичка direzione (f) a volante dirección (f) de volante	1
Steuersäule (f), Lenksäule (f) steering pillar *or* column arbre (m) (de commande) de direction vertical		рулевая колонка (f); рулевая стойка (f) tubo (m) dello sterzo, tubo (m) di direzione árbol (m) (de mando) de dirección vertical	2
geneigte Steuersäule (f) inclined *or* raked steering pillar arbre (m) [de commande] de direction incliné		наклонная рулевая колонка (f) *или* стойка (f) tubo (m) di direzione inclinato, sterzo (m) inclinato árbol (m) inclinado [de mando] de dirección	3
Neigungswinkel (m) der Steuersäule angle of inclination *or* rake angle (m) de l'arbre [de commande] de direction	*a*	уголъ (m) наклона рулевой колонки *или* рулевой стойки angolo (m) d'inclinazione del tubo di direzione *o* dello sterzo ángulo (m) del árbol [de mando] de dirección	4
Lenkrad (n), Steuerrad (n) steering wheel volant (m) de direction	b	рулевой маховичокъ (m); рулевое колесо (n) volante (m) *o* volantino (m) di direzione volante (m) de dirección	5
Radstern (m) wheel spider centre (m) du volant		центръ (m) маховичка; сердцевина (f) рулевого колеса raggiera (f) del volantino di direzione centro (m) del volante	6
Radspeiche (f) spoke, arm rai (m) *ou* rayon (m) du volant	a	спица (f) маховичка raggio (m) del volantino di direzione rayo (m) *ó* radio (m) del volante	7
Radkranz (m) rim of wheel cercle (m) du volant	b	ободъ (m) маховичка cerchione (m) del volantino aro (m) del volante	8
Holzbekleidung (f) wood covering garniture (f) en bois		деревянная обшивка (f) rivestimento (m) di legno revestimiento (m) de madera	9

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lederumnähtes Handrad (n)
1 hand wheel with leather covered rim
volant (m) garni de cuir

рулевой маховичокъ (m), обтянутый кожею; рулевое колесо (n), обтянутое кожею
volantino (m) ricoperto di cuoio
volante (m) revestido de cuero

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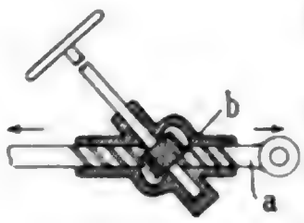
mit Schnur umwickeltes Handrad (n)
2 hand wheel covered with whip cord
volant (m) à garniture en corde

рулевой маховичокъ (m), обвитый шнуромъ; рулевое колесо (n), обмотанное верёвкой
volantino (m) avvolto di corda
volante (m) revestido de cuerda

Zahnstangenlenkung (f)
3 rack steering gear
direction (f) à crémaillère



управленіе (n) посредствомъ зубчатой рейки
direzione (f) *o* guida (f) ad asta dentata
dirección (f) de cremallera

Lenkungszahnstange (f)
steering rack
4 tige (f) dentée *ou* crémaillère (f) de direction

a

зубчатая рейка (f) въ рулевомъ механизмѣ
asta (f) dentata della direzione
cremallera (f) de dirección

Zahnstangenführung (f)
rack guide
5 tube (m) de guidage de la crémaillère *ou* tige dentée

b

направляющая (f) зубчатой рейки
guida (f) dell'asta dentata
tubo (m) de guía de la cremallera

Lenkung (f) mit Umlaufräderwerk
6 steering gear with planet wheels
direction (f) à engrenage

управленіе (n) посредствомъ планетнаго *или* планетарнаго механизма
direzione (f) a rotismo
dirección (f) por engranajes

Schraubenlenkung (f), Spindellenkung (f)
7 screw and nut steering gear
direction (f) à vis [et écrou]

управленіе (n) посредствомъ винта и гайки; управленіе посредствомъ шпинделя
direzione (f) a vite e madrevite
dirección (f) por tornillo y tuerca

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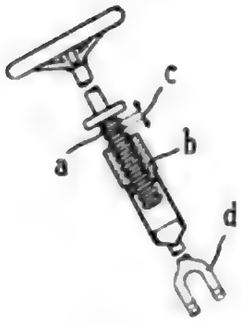
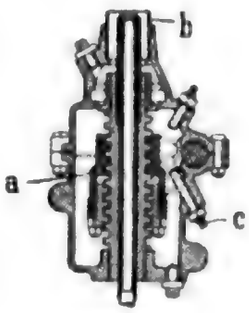
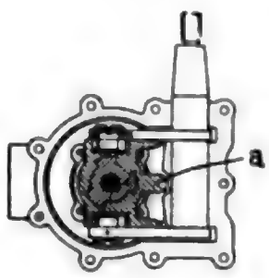
Lenkspindel (f) steering screw vis (f) de direction	 a	шпиндель (m) рулевого механизма vite (f) per comando dello sterzo tornillo (m) de dirección	1
Spindelmutter (f) nut écrou (m)	b	гайка (f) шпинделя madrevite (f) tuerca (f)	2
Spindelsteigung (f) pitch of screw pas (m) de la vis	c	шагъ (m) шпинделя; подъёмъ (m) шпинделя passo (m) della vite paso (m) del tornillo	3
Lenkgabel (f) forked rod fourchette (f) de la direction	d	вилка (f) рулевого механизма forcella (f) di comando dello sterzo horquilla (f) de la dirección	4
nachstellbare Schraubenlenkung (f) adjustable screw steering gear direction (f) à vis [et écrou] de réglage		управленіе (n) посредствомъ перестанавливаемаго *или* регулируемаго винта и гайки direzione (f) a vite e madrevite registrabile dirección (f) por tornillo [y tuerca] graduable	5
zweiteilige *oder* geteilte Spindelmutter (f) split nut écrou (m) en deux parties	a	двухраздѣльная гайка (f) шпинделя; разъёмная гайка шпинделя madrevite (f) divisa tuerca (f) de dos piezas	6
Stützrohr (n) tubular support tube-fourreau (m)	b	подпирающая трубка (f) tubo (m) di sopporto tubo (m) de guía	7
Anschlagschraube (f) stop screw, adjustable stop screw vis (f) d'arrêt	c	упорный винтъ (m) vite (f) d'arresto tornillo (m) de detención	8
Mutterführung (f) guide for steering nut guide (m) de l'écrou	 a	направляющая (f) гайки guida (f) della madrevite guía (f) de la tuerca	9

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Führungsbolzen (m)
1 guide bolt *or* pin
tige (f) de guidage

направляющій болтъ (m)
bullone (m) di guida
perno (m) de guía

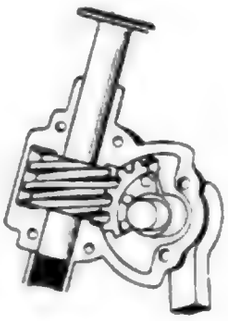
Lenkhebel (m) mit angeschmiedetem Kugelkopf
2 steering lever with forged ball head
levier (m) de direction à rotule forgée *ou* venue de forge

палецъ (m) *или* рычагъ (m) рулевого механизма съ прикованной шаровой головкой
leva (f) di comando dello sterzo con testa a sfera *o* rotula fucinata
palanca (f) de dirección con rótula forjada

Lenkhebel (m) mit eingesetztem Kugelzapfen
3 steering lever with ball headed gudgeon pin
levier (m) de direction à rotule rapportée

палецъ (m) *или* рычагъ (m) рулевого механизма съ насаженнымъ шаровымъ шипомъ
leva (f) di comando sterzo con perno sferico riportato
palanca (f) de dirección con rótula suelta

Schneckenlenkung (f)
4 worm steering gear
direction (f) à vis sans fin



управленіе (n) посредствомъ червяка *или* безконечнаго винта
sterzo (m) a vite senza fine
dirección (f) por tornillo sin fin

Lenkschnecke (f), Steuerschnecke (f)
5 steering worm
vis (f) sans fin de la direction

червякъ (m) рулевого механизма; безконечный винтъ (m) рулевого механизма
vite (f) senza fine dello sterzo
tornillo (m) sin fin de la dirección

Schneckensteigung (f)
6 pitch of worm
pas (m) de la vis sans fin

a

шагъ (m) червяка *или* безконечнаго винта
passo (m) della vite senza fine
paso (m) del tornillo sin fin

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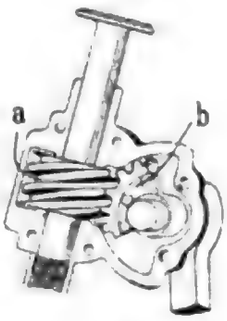
dreigängige Lenkschnecke (f)
7 triple thread worm
vis (f) sans fin à triple pas



a

трёхоборотный червякъ (m) рулевого механизма
vite (f) senza fine a tre filetti
tornillo (m) sin fin de triple paso

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mehrgängige Schnecke (f)
multithreaded worm
vis (f) sans fin à pas multiple

многооборотный *или* многоходовой червякъ (m)
vite (f) senza fine a passo multiplo
tornillo (m) sin fin de paso múltiple *1*

Schneckenradbogen(m), Schneckenradsegment (n)
worm segment
secteur (m) pour [direction à] vis sans fin

b

секторъ (m) червячнаго *или* винтового колеса
settore (m) per vite senza fine
sector (m) para tornillo sin fin *2*

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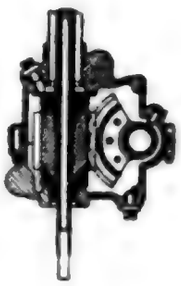
nachstellbare Schneckenlenkung (f)
adjustable worm steering gear
direction (f) à vis sans fin réglable



управленіе (n) посредствомъ регулируемаго червяка *или* безконечнаго винта
sterzo (m) a vite senza fine registrabile
dirección (f) por tornillo sin fin graduable *3*

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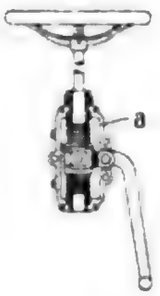
exzentrische Lagerbüchse (f)
eccentric bush
palier (m) *ou* coussinet (m) excentrique

эксцентрическая втулка (f) подшипника
boccola (f) da sopporto eccentrica
soporte (m) *ó* cojinete (m) excéntrico *4*

Lenkungsgehäuse (n)
casing *or* box for steering gear
boîtier (m) *ou* boîte (f) de direction



a

коробка (f) рулевого механизма
scatola (f) dello sterzo
caja (f) de la dirección *5*

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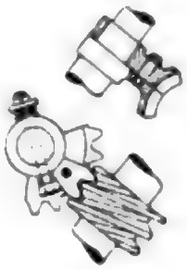
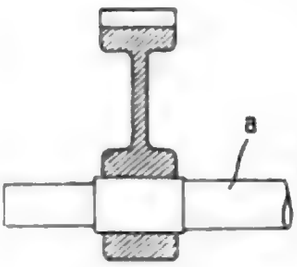
nachstellbares Schneckensegment (n)
adjustable worm segment
secteur (m) réglable pour vis sans fin



перестанавливаемый секторъ (m) червяка *или* безконечнаго винта
settore (m) di vite senza fine registrabile
sector (m) graduable para tornillo sin fin *6*

Segmentwelle (f)
spindle of segment
axe (m) du secteur



a

валъ (m) сектора
asse (m) del settore
árbol (m) del sector *7*

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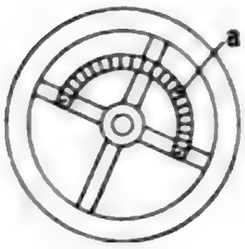
1 Reguliersegment (n)
timing *or* throttle lever sector *or* quadrant, regulating quadrant
secteur (m) de réglage



секторъ (m) на рулѣ, по которому ходитъ рычажокъ отъ регулятора
settore (m) registratore
sector (m) de reglaje

2 Raste (f)
notch
cran (m)

a

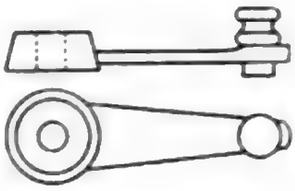
зарубка (f)
tacca (f), incavo (m)
muesca (f)

3 geriffeltes Segment (n)
fluted *or* grooved sector *or* quadrant
secteur (m) cannelé

a

рубчатый секторъ (m)
settore (m) scanalato
sector (m) acanalado

4 federnder Hebel (m)
spring lever (for regulating gas *or* spark)
levier (m) élastique



пружинящая ручка (f)
leva (f) elastica
palanca (f) elástica

5 **Schmierung**
Lubrication
Lubrification

Сказка
Lubrificazione
Lubrificación

6 Schmierstoff (m), Schmiermaterial (n)
lubricant
lubrifiant (m)

смазочный матеріалъ (m)
lubrificante (m)
material (m) de engrase *ó* de lubrificación

7 Schmieröl (n)
lubricating oil
huile (f) de graissage

смазочное масло (n)
olio (m) per lubrificare
aceite (m) de lubrificación

8 Mineralöl (n)
mineral oil
huile (f) minérale

минеральное масло (n)
olio (m) minerale
aceite (m) mineral

9 Pflanzenöl (n), vegetabil[isch]es Öl (n)
vegetable oil
huile (f) végétale

растительное масло (n)
olio (m) vegetale
aceite (m) vegetal

10 hochwertiges Schmieröl (n), Spezialöl (n)
special *or* high grade oil
huile (f) spéciale, huile (f) à grand pouvoir lubrifiant

масло (n) высокаго качества; спеціальное масло
olio (m) da lubrificare d'alto valore *o* fino, olio (m) speciale
aceite (m) especial *ó* de gran poder lubrificante

11 Fett (n)
grease
graisse (f)

жиръ (m)
grasso (m)
grasa (f)

12 Talg (m), Unschlitt (m)
tallow
suif (m)

сало (n)
sego (m)
sebo (m)

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starres *oder* konsistentes Fett (n)
thick *or* consistent grease
graisse (f) consistante

твёрдая смазка (f); мазь (f) [товотъ (m)]
grasso (m) consistente
grasa (f) consistente
1

Vaseline (f)
vaseline
vaseline (f)

вазелинъ (m)
vaselina (f)
vaselina (f)
2

Wagenschmiere (f)
carriage *or* wheel grease
graisse (f) pour voitures

коломазь (f); мазь (f) для экипажей
grasso (m) per vetture, sugna (f)
grasa (f) para coches
3

Kettenfett (n), Kettenschmiere (f)
chain grease
graisse (f) pour chaînes

мазь (f) для цѣпей
grasso (m) per catene
grasa (f) para cadenas
4

Graphit (m)
graphite
graphite (m)

графитъ (m)
grafite (f)
grafito (m)
5

Flockengraphit (m)
flaky graphite
graphite (m) en lamelles

графитъ (m) въ блёсткахъ; чешуйчатый графитъ
grafite (f) a pezzi
grafito (m) pizarroso
6

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mit Schwefelblume vermischtes Öl (n)
oil mixed with (sublimated) flowers of sulphur
huile (f) mêlée de fleur de soufre

смѣсь (f) масла съ сѣрнымъ цвѣтомъ
olio (m) mescolato con fiore di zolfo
aceite (m) mezclado con flores de azufre
7

Vakuumöl (n)
vacuum oil
huile (f) vacuum (rectifiée par le vide)

вакуумъ-масло (n)
olio (m) vacuum
aceite (m) purificado en vacío
8

Fettgehalt (m) des Öles
percentage of fat *or* grease in the oil
teneur (f) de l'huile en graisse

содержаніе (n) жира въ маслѣ
proporzione (f) *o* tenore (m) di grasso dell'olio
proporción (f) de grasa en el aceite
9

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ranziges Öl (n)
rancid oil
huile (f) rance

прогорклое масло (n)
olio (m) rancido
aceite (m) rancio
10

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hochsiedendes Motorenöl (n)
motor oil with high boiling point
huile (f) pour moteurs à point d'ébullition élevé

моторное масло (n) *или* масло для двигателей съ высокой температурой кипѣнія
olio (m) per motori a punto d'ebollizione alto
aceite (m) para motores de punto de ebullición elevado
11

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1	Entflammungspunkt (m) des Öles flash point of the oil point (m) d'inflammabilité de l'huile	точка (f) *или* температура (f) воспламенения масла punto (m) d'infiammazione dell'olio punto (m) de inflamación del aceite
2	säurefreies Zylinderöl (n) cylinder oil free from acid, acid free oil huile (f) neutre pour cylindres	цилиндровое масло (n), свободное отъ кислотъ; безкислотное цилиндровое масло olio (m) per cilindri senza acidi aceite (m) neutro para cilindros
3	harzfreies Öl (n) oil free from rosin huile (f) non résineuse	масло (n), свободное отъ примѣси смолы olio (m) senza resina aceite (m) no resinoso
4	asphaltfreies Öl (n) oil free from asphalt huile (f) ne contenant pas d'asphalte	масло (n), свободное отъ примѣси асфальта olio (m) privo di asfalto *o* senza asfalto aceite (m) sin asfalto
5	dickflüssiges Öl (n) thick *or* viscous oil huile (f) épaisse, huile (f) visqueuse	густое масло (n) olio (m) denso aceite (m) viscoso
6	dünnflüssiges Öl (n) thin oil huile (f) mince, huile (f) très fluide	жидкое масло (n) olio (m) fluido aceite (m) muy fluido
7	Verbrennungsrückstände (m pl) des Öles residual combustion products of the oil résidus (m pl) de la combustion de l'huile	продукты (m pl) горѣнія масла residui (m pl) della combustione dell'olio residuos (m pl) de la combustión de aceite
8	Ölkruste (f) oil deposit, deposit of dry oil croûte (f) d'huile	нагаръ (m) масла crosta (f) d'olio costra (f) de aceite
9	Öldampf (m), Ölrauch (m), Ölqualm (m) oil vapour *or* smoke vapeur (f) d'huile	пары (m pl) масла; дымъ (m) *или* чадъ (m) отъ масла vapore (m) *o* fumo (m) d'olio vapor (m) de aceite
10	Schmierfähigkeit (f) lubricating quality *or* property pouvoir (m) lubrifiant	смазывающая способность (f); смазывающее свойство (n) potere (m) lubrificante poder (m) lubrificante
11	Schlüpfrigkeit (f), Viskosität (f) viscosity viscosité (f)	вязкость (f) viscosità (f) viscosidad (f)

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Haftvermögen (n), Adhäsionsvermögen (n) adhesive capacity pouvoir (m) adhérent	способность (f) приставать *или* прилипать; способность (f) сцѣпляться potere (m) aderente poder (m) adherente	*1*
Schmierwert (m) lubricating value valeur (f) lubrifiante	степень (f) смазывающей способности valore (m) lubrificante valor (m) de lubrificación	*2*
Ölstaub (m), Öldunst (m) oil vapour *or* spray embrun (m) d'huile	распыленное масло (n) polvere (f) d'olio, olio (m) polverizzato aceite (m) pulverizado	*3*
Unreinigkeiten (f pl) impurities (pl) impuretés (f pl)	вредныя примѣси (f pl) impurità (f pl) impurezas (f pl)	*4*
kältebeständiges Schmieröl (n) non-freezable *or* anti-freezing lubricating oil huile (f) lubrifiante incongelable (ne pouvant se coaguler *ou* se figer)	смазочное масло (n), нечувствительное къ холоду; морозостойкое масло olio (m) per lubrificare resistente al gelo aceite (m) de lubrificación dificil de congelar	*5*
vollkommene Schmierung (f) perfect lubrication lubrification (f) parfaite, graissage (m) parfait	совершенная смазка (f) lubrificazione (f) perfetta engrase (m) perfecto, lubrificación (f) perfecta	*6*
unvollkommene Schmierung (f) imperfect lubrication lubrification (f) imparfaite *ou* insuffisante	несовершенная смазка (f) lubrificazione (f) imperfetta lubrificación (f) imperfecta *ó* insuficiente	*7*
ununterbrochene *oder* kontinuierliche Schmierung (f) continuous lubrication lubrification (f) continue	непрерывная смазка (f) lubrificazione (f) continua *o* ad azione continua lubrificación (f) continua	*8*
Ölersatz (m) oil substitute succédané (m) *ou* substitutif (m) d'huile	средство (n), замѣняющее масло surrogato (m) d'olio sucedáneo (m) de aceite	*9*
Ölbad (n) oil bath bain (m) d'huile	масляная ванна (f) bagno (m) d'olio baño (m) de aceite	*10*
Tauchschmierung (f) splash lubrication graissage (m) *ou* huilage (m) par immersion	смазка (f) погруженіемъ lubrificazione (f) per immersione lubrificación (f) por inmersión	*11*

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1 Ringschmierung (f)
ring lubrication
lubrification (f) par bague, graissage (m) par bague

кольцевая смазка (f)
lubrificazione (f) ad anello
lubrificación (f) por anillos

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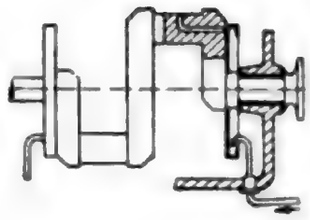
2 Schmierung (f) durch Schleuderringe
lubrication by means of splash rings
lubrification (f) par bagues centrifuges



смазка (f) посредствомъ разбрызгивающихъ колецъ; смазка разбрызгиваніемъ
lubrificazione (f) ad anelli centrifughi
lubrificación (f) por anillos centrifugos

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3 Abstreifölung (f)
lubrication by means of a wiper
lubrification (f) par frotteurs

смазка (f) сниманіемъ *или* черпаніемъ масла
lubrificazione (f) a catena
lubrificación (f) por frotadores

---

4 Motorschmierung (f) mit getrennten Ölleitungen
lubrication of the motor by separate oil pipes
lubrification (f) du moteur par conduites d'huile indépendantes

смазка (f) двигателей посредствомъ отдѣльныхъ маслопроводовъ
lubrificazione (f) del motore a tubi d'olio separati
lubrificación (f) del motor por conductos de aceite independientes

---

5 Umlaufschmierung (f), Zirkulationsschmierung (f)
lubrication by continual circulation of the oil
lubrification (f) à circulation, graissage (m) à circulation

циркуляціонная смазка (f)
lubrificazione (f) a circolazione d'olio
lubrificación (f) por circulación

---

6 Druckförderung (f)
forced lubrication
refoulement (m)

подача (f) подъ давленіемъ
lubrificazione (f) a pressione *o* forzata
circulación (f) por presión *ó* por impulsión

---

7 mechanische Ölförderung (f)
mechanical lubrication
lubrification (f) *ou* graissage (m) mécanique

механическая подача (f) масла
lubrificazione (f) mec canica
engrasado (m) mecánico, lubrificación (f) mecánica

---

8 Zentralschmiervorrichtung (f)
lubrication controlled from one point by separate valves
appareil (m) de graissage central, rampe (f) de graissage

устройство (n) центральной смазки; центральная смазка (f)
distributore (m) d'olio, oliatore (m) centrale
disposición (f) central de engrasado

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Ölzuführungsvorrichtung (f) oil feeding device dispositif (m) d'amenée d'huile		подача (f) масла; устройство (n) подачи масла dispositivo (m) d'oliazione disposición (f) de llegada del aceite	1
Schmierbüchse (f) lubricator, grease cup graisseur (m), boîte (f) à graisse		смазочная коробка (f) ingrassatore (m) engrasador (m), caja (f) de engrase	2
Fettbüchse (f) mit Federsicherung lubricator *or* grease cup with spring lock graisseur (m) à ressort		маслёнка (f) съ пружиннымъ нажимомъ ingrassatore (m) a molla engrasador (m) de muelle	3
Staufferbüchse (f) Stauffer lubricator stauffer (m), graisseur (m) Stauffer		маслёнка (f) Штауффера ingrassatore (m) Stauffer engrasador (m) Stauffer	4
selbsttätige *oder* automatische Schmierbüchse (f) automatic lubricator, self feeding grease cup with telltale graisseur (m) automatique		автоматическая *или* самосмазывающая маслёнка (f) ingrassatore (m) automatico engrasador (m) automático	5
Fettschmiervorrichtung (f) grease lubricator appareil (m) de lubrification à graisse		маслёнка (f) для твёрдой смазки *или* для мази apparecchio (m) lubrificatore con grasso aparato (m) engrasador	6
Fettpresse (f), Fettspritze (f) grease squirt, lubrication pump, grease gun (A) compresseur (m) à graisse		шприцъ (m) для твёрдой смазки; спринцовка (f) для мази ingrassatore (m) a pressione engrasador (m) por compresión	7
Ölnut (f) oil groove rainure (f) de graissage, patte (f) d'araignée		канавка (f) для масла scanalatura (f) di lubrificazione, zampe (f pl) di ragno pata (f) de araña	8

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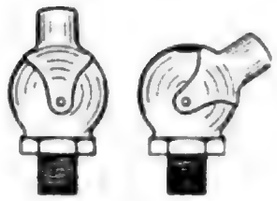
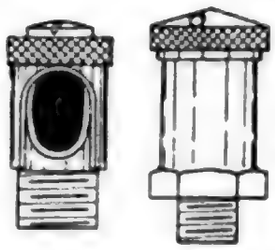
1 Helmöler (m)
oil cap, capped lubricator nipple
graisseur (m) à casque



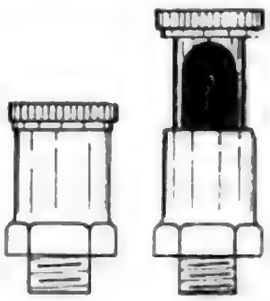
шлемовая маслёнка (f)
lubrificatore (m) ad elmo
engrasador (m) de casco

2 Drehöler (m)
lubricator with sliding tubular cover
graisseur (m) à couvercle tournant



вращающаяся маслёнка (f)
lubrificatore (m) parapolvere girevole
engrasador (m) de tapa giratoria

3 Schnappöler (m)
lubricator with sliding telescopic cover
graisseur (m) à fermeture télescopique



маслёнка (f) съ телескопическимъ затворомъ
lubrificatore (m) a telescopio
engrasador (m) telescópico

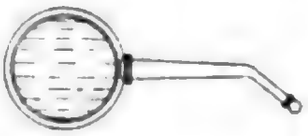
4 Klappenöler (m)
flap covered lubricator
graisseur (m) à clapet

маслёнка (f) съ крышкой
lubrificatore (m) coperchio
engrasador (m) con tapa de charnela

5 Ölkanne (f), Schmierkanne (f)
oil can, oil feeder
burette (f)

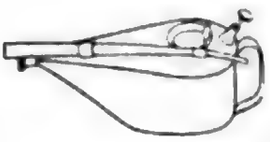
ручная маслёнка (f)
oliatore (m) a mano
aceitera (f)

6 flache Spritzkanne (f)
flat oil can *or* feeder
burette (f) plate



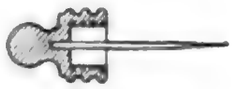
плоская ручная маслёнка (f); плоская маслёнка съ пружинящимъ дномъ
siringa (f) da olio
aceitera (f) plana

7 Ölkanne (f) mit abnehmbarem Schnabel
oil can with removable nozzle
burette (f) à bec démontable



маслёнка (f) со съёмнымъ носикомъ
oliatore (m) a becco smontabile
aceitera (f) de pico móvil

8 Schutzkappe (f) mit Reinigungsnadel
protective cap with pin
capuchon (m) avec aiguille de nettoyage



предохранительная крышка (f) съ иглой для прочистки
cappelletto (m) ad ago di pulizia
sombrerete (m) con aguja de limpiar

9 Ölpumpe (f)
oil pump
pompe (f) à huile, graisseur (m) à refoulement

насосъ (m) для масла; масляный насосъ
pompetta (f) per olio
bomba (f) lubrificadora, bomba (f) de aceite

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Handdrucköler (m)
hand pressure lubricator
graisseur (m) à compression, graisseur-presse (m)

ручная нажимная маслёнка (f)
oliatore (m) per compressione a mano
engrasador (m) de presión á mano
1

Schlagpumpe (f)
hand oil pump
graisseur (m) coup de poing, graisseur à percussion

ручной масляный насосъ (m)
oliatore (m) a percussione
engrasador (m) de percusión
2

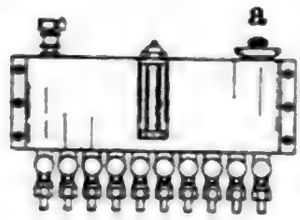
Dochtöler (m)
syphon lubricator
graisseur (m) à mêche

фитильная маслёнка (f)
lubrificatore (m) a stoppino
engrasador (m) de mecha
3

Selbstöler (m)
automatic lubricator
graisseur (m) automatique, autograisseur (m)

самосмазывающая *или* автоматическая маслёнка (f)
lubrificatore (m) automatico
engrasador (m) automático
4

Tropfvorrichtung (f)
sight feed lubricator
appareil (m) á débit d'huile



приспособленіе (n) для смазки по каплямъ
contagoccie (m)
aparato (m) de distribución de aceite
5

Einfüllverschraubung (f)
screwed cap for filling-hole of oil tank
bouchon (m) [fileté] de remplissage

a

пробка (f) съ нарѣзкой для наливного отверстія
bocchettone (m) filettato
tapón (m) roscado de relleno
6

Hauptabsperrventil (n)
main stop valve
soupape (f) d'arrêt principale

главный затворный клапанъ (m)
valvola (f) principale di chiusura
válvula (f) de cierre principal
7

Tropfenregler (m)
sight feed regulator
régulateur (m) de compte-gouttes

регуляторъ (m) капель
regolatore (m) delle goccie
regulador (m) de las gotas
8

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regelbare *oder* einstellbare Tropfdüse (f)
adjustable drip nozzle
ajutage (m) à gouttes réglable

регулируемое капельное сопло (n)
tubetto (m) gocciolatore registrabile
boquilla (f) cuenta-gotas reglable
9

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1	Einstellschraube (f) adjusting screw vis (f) de réglage, vis (f) régulatrice	установительный *или* установочный винтъ (m) vite (f) di registrazione tornillo (m) de regulación
2	Druckförderung (f), Förderung (f) durch Auspuffdruck pressure feed, feed by exhaust pressure refoulement (m) par les gaz d'échappement	подача (f) подъ давленіемъ отработавшихъ газовъ funzionamento (m) sotto la pressione dello scappamento impulsión (f) por los gases de escape
3	Druckreduzierventil (n), Überdruckventil (n) reducing valve soupape (f) réductrice *ou* de réduction	клапанъ (m) для уменьшенія давленія; редукціонный предохранительный клапанъ valvola (f) di riduzione della pressione válvula (f) de reducción de la presión
4	Schnarchventil (n) snifting valve reniflard (m), soupape (f) reniflante	фыркающій клапанъ (m) sfiatatoio (m) sopapa (f) roncadora
5	Tropfglas (n), Schauglas (n) sight feed lubricator glass verre (m) *ou* regard (m) de compte-gouttes *ou* d'appareil à débit visible	каплеуказатель (m); капельный стаканчикъ (m) vetro (m) del contagoccie, traguardo (m) contagoccie mirilla (f) del cuentagotas
6	Ölrampe (f) oil distributor rampe (f) à huile	маслораспредѣлитель (m) distributore (m) d'olio distribuidor (m) de aceite
7	Überlaufventil (n) overflow valve soupape (f) de trop-plein	сливной *или* переливной *или* перепускной клапанъ (m); сигнальный клапанъ valvola (f) di troppo pieno válvula (f) de evacuación, rebosador (m)
8	Schöpfwerk (n), Paternosterwerk (n) scoop, catcher dispositif (m) à puisoirs	черпалка (f) noria (f) a cucchiai disposición (f) de saca aceite
9	Ölschöpfer (m) (Schöpflöffel an den Pleuelstangen) oil scoop *or* catcher cuillère (f) à huile, puisoir (m) à huile	маслочерпалка (f) у шатуновъ cucchiaio (m) d'olio cuchara (f) de aceite

a

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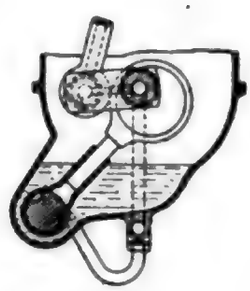
Preßöler (m)
pressure lubricator
graisseur (m) à [com]-pression

маслёнка (f) съ давленіемъ
lubrificatore (m) a pressione
engrasador (m) de presión
1

Druckschmierung (f)
forced lubrication
graissage (m) *ou* lubrification (f) sous pression

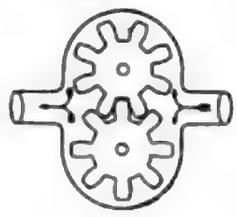
смазка (f) подъ давленіемъ
lubrificazione (f) sotto pressione *o* forzata
engrase (m) *ó* lubrificación (f) bajo presión
2

Umlaufpumpe (f), Zirkulationspumpe (f)
circulating pump
pompe (f) de circulation



циркуляціонный насосъ (m)
pompa (f) di circolazione
bomba (f) de circulación
3

Zahnradpumpe (f)
rotary gear pump
pompe (f) à engrenage

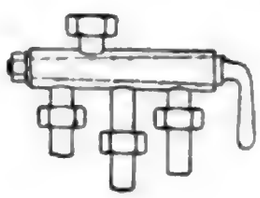


насосъ (m) съ шестернями
pompa (f) ad ingranaggi
bomba (f) de engranaje
4

Ölsammelnapf (m), »Schwalbennest« (n)
oil sump *or* well
godet (m) collecteur d'huile, »nid (m) d'hironde«

маслоуловительная чашка (f)
scodellino (m) raccoglitore d'olio
vaso (m) colector de aceite
5

Verteilungshahn (m)
distributing cock
robinet (m) distributeur

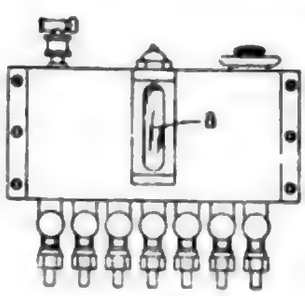


распредѣлительный кранъ (m)
robinetto (m) di distribuzione
grifo (m) de distribución
6

Ölrohr (n), Schmierrohr (n)
lubrication *or* oil pipe
tube (m) de graissage

смазочная трубка (f)
tubo (m) da olio
tubo (m) de engrase
7

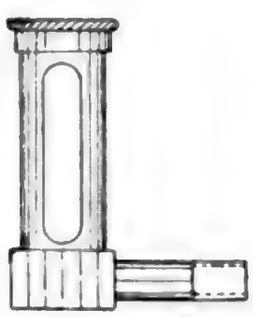
Ölstandglas (n), Schauglas (n)
oil gauge glass
[indicateur (m) de] niveau (m) d'huile, regard (m)



a

масломѣрное стекло (n); указатель (m) уровня масла
sguardo (m) *o* vetro (m) di livello d'olio
[indicador (m) de] nivel (m) de aceite
8

Ölstandrohr (n)
oil gauge pipe
tube (m) de niveau d'huile



трубка (f) уровня масла
tubo (m) di livello d'olio
tubo (m) de nivel de aceite
9

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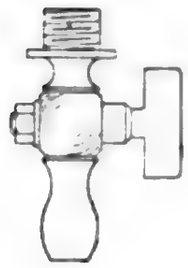

1 Ölstandhahn (m)
oil gauge cock
robinet (m) de jauge d'huile

кранъ (m) уровня масла
robinetto (m) di livello d'olio
grifo (m) de nivel de aceite

---

2 Prüfhahn (m), Kontrollhahn (m)
control cock, master cock (A)
robinet (m) de contrôle

контрольный *или* провѣрочный кранъ (m)
robinetto (m) di controllo
grifo (m) de verificación ó de comprobación

---

3 Ölablaufhahn (m), Ölablaßhahn (m)
drain cock
robinet (m) de vidange d'huile

маслоспускной кранъ (m)
robinetto (m) di scarico
grifo (m) de vaciado de aceite

---

4 schmieren (v)
to grease, to oil, to lubricate
lubrifier (v), graisser (v), huiler (v)

смазать, смазывать
lubrificare (v), ingrassare (v)
lubrificar (v), engrasar (v)

---

5 Schmierung (f)
lubrication
lubrification (f), lubréfaction (f), graissage (m)

смазка (f)
lubrificazione (f)
lubrificación (f), engrase (m), engrasado (m)

---

6 abschmieren (v), abölen (v)
to grease duly *or* sufficiently
graisser (v) *ou* lubrifier (v) partout *ou* complètement

смазать всѣ части
ingrassare (v) *o* lubrificare (v) dappertutto
engrasar (v) *ó* lubrificar (v) completamente

---

7 Ölabdichtung (f)
oil joint
joint (m) à huile

прокладка (f) противъ просачиванія масла
guarnizione (f) a tenuta d'olio
junta (f) de aceite

---

8 Ringnut (f)
annular *or* ring groove
rainure (f) annulaire, gorge (f)

кольцевая канавка (f)
scanalatura (f) anulare
ranura (f) anular, canal (f), garganta (f)

---

9 Filzabdichtung (f)
felt packing *or* joint
joint (m) de feutre

войлочная набивка (f) *или* прокладка (f)
guarnizione (f) di feltro
guarnición (f) de fieltro

---

10 Filzring (m)
felt ring
rondelle (f) de feutre

войлочное кольцо (n); кольцо изъ войлока
anello (m) di feltro
anillo (m) de fieltro

---

11 Schleuderrand (m), Spritzring (m)
oil ring
bague (f) de projection

разбрызгивающее кольцо (n)
anello (m) proiettore
anillo (m) de proyección

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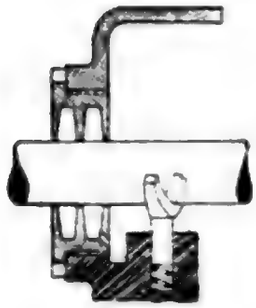

Ölabstreifer (m) oil wiper racloir (m) d'huile	съёмникъ (m) для масла raschiatore (m) d'olio recojedor (m) de aceite	1
Bremsen **Brakes** **Freins**	**Тормаза** **Freni** **Frenos**	2
Bremse (f) brake frein (m)	тормазъ (m) freno (m) freno (m)	3
bremsen (v) to brake serrer (v) les freins, freiner (v)	тормозить frenare (v) apretar (v) los frenos, frenar (v)	4
die Bremse anziehen (v) to apply the brake appliquer (v) *ou* serrer (v) le frein	притянуть *или* подтянуть тормазъ; нажать тормазъ; затормозить; включить *или* наложить *или* затянуть тормазъ chiudere (v) *o* stringere (v) i freni aplicar (v) *ó* apretar (v) el freno	5
die Räder feststellen (v) *oder* blockieren (v) to jamb *or* skid the wheels bloquer (v) *ou* arrêter (v) les roues	совершенно остановить колёса bloccare (v) *od* arrestare (v) le ruote echar (v) el freno	6
Bremskraft (f) brake power puissance (f) du frein *ou* de freinage	сила (f) торможенія; тормазная сила (f) potenza (f) della frenata potencia (f) del freno *ó* del frenado	7
Bremsmoment (n) moment of the braking couple moment (m) de freinage	моментъ (m) торможенія momento (m) della frenata momento (m) del frenado	8
Bremsweg (m), Bremsstrecke (f) distance travelled after application of brakes chemin (m) parcouru pendant le freinage	путь (m) тормаженія *или* затормаживанія; путь, пробѣгаемый съ момента тормаженія до полной остановки автомобиля spazio (m) percorso durante la frenata camino (m) recorrido durante el frenado	9

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1 Bremszeit (f)
period of braking
durée (f) de freinage

продолжительность (f) тормаженія; время(n) тормаженія; пробѣгъ (m) въ заторможенномъ состояніи
durata (f) della frenata
duración (f) del frenado

2 Bremsarbeit (f)
work done by the brakes
travail (m) du frein *ou* de freinage

работа (f) тормаженія; тормазная работа (f)
lavoro (m) del freno
trabajo (m) del freno *ó* del frenado

3 Reibungszahl (f)
coefficient of friction
coefficient (m) de frottement

коеффиціентъ (m) тренія
coefficiente (m) d'attrito
coeficiente (m) de rozamiento

4 Bodenreibung (f)
friction at road surface
frottement (m) [de roulement *ou* de glissement] sur le sol, résistance (f) du sol au roulement *ou* au glissement

треніе (n) [при катаніи *или* при скольженіи] по землѣ
attrito (m) sul suolo
rozamiento (m) debido al rodamiento sobre el suelo, recistencia (f) del suelo al rodamiento *ó* al deslizamiento

5 rollende Reibung (f)
rolling friction
frottement (m) de roulement

треніе (n) при катаніи *или* при каченіи; треніе при перекатываніи; катящее треніе; треніе второго рода
attrito (m) di rotazione
rozamiento (m) debido al rodamiento

6 die Bremse lösen (v)
to release the brake
desserrer (v) le frein

оттормаживать; растормаживать; отпустить тормазъ; разобщить тормазъ
allentare (v) il freno
soltar (v) el freno

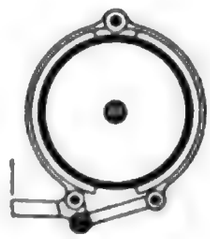
7 Handbremse (f)
hand brake
frein (m) à main

ручной тормазъ (m)
freno (m) a mano
freno (m) de mano

8 Fußbremse (f)
foot brake
frein (m) à pédale

ножной тормазъ (m); тормазъ съ педалью
freno (m) a pedale
freno (m) de pedal

9 Außenbremse (f)
externally acting brake, brake acting on the outside of the drum
frein (m) extérieur, frein (m) appliqué extérieurement (au tambour), frein (m) à serrage extérieur



наружный тормазъ, (m); тормазъ, дѣйствующій на наружную поверхность [барабана]
freno (m) esterno, freno (m) a chiusura esterna
freno (m) exterior, freno (m) aplicado exteriormente (al tambor), freno (m) de aprieto exterior

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Innenbremse (f)
internally acting brake, brake acting on the inside of the drum
frein (m) intérieur, frein (m) appliqué intérieurement (au tambour), frein (m) à serrage intérieur

внутренній тормазъ (m); тормазъ внутренняго дѣйствія; тормазъ, дѣйствующій на внутреннюю поверхность [барабана] 1
freno (m) interno, freno (m) a chiusura interna
freno (m) interior, freno (m) aplicado interiormente, freno (m) de aprieto interior

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Hinterradbremse (f)
back wheel brake
freinage (m) de la roue d'arrière

тормазъ (m), дѣйствующій на заднее колесо
freno (m) posteriore, freno (m) della ruota posteriore 2
frenado (m) de la rueda trasera

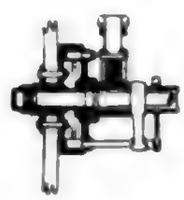
Reifenbremse (f)
tyre brake
frein (m) sur pneu

тормазъ (m), дѣйствующій на шины
freno (m) alla gomma 3
freno (m) sobre el neumático

Felgenbremse (f)
rim brake, brake acting on the felloe *or* rim
frein (m) sur jante

тормазъ (m), дѣйствующій на ободъ
freno (m) al cerchio 4
freno (m) sobre la llanta

Hinterradinnenbremse (f)
internal back wheel brake
frein (m) à serrage intérieur sur la roue d'arrière



тормазъ (m), дѣйствующій на внутреннюю поверхность задняго колеса
freno (m) interno della ruota posteriore 5
freno (m) de acción interior sobre la rueda trasera

Differentialbremse (f)
brake on the differential shaft
frein (m) sur le différentiel

тормазъ (m), дѣйствующій на дифференціалъ
freno (m) differenziale 6
freno (m) sobre el diferencial

Differentialbandbremse (f)
band brake on the differential shaft
frein (m) à ruban sur le différentiel

ленточный тормазъ (m), дѣйствующій на дифференціалъ
freno (m) differenziale a nastro 7
freno (m) de cinta sobre el diferencial

Vorgelegebremse (f)
brake on the transmission shaft
frein (m) sur le mécanisme de transmission

тормазъ (m) передаточнаго механизма
freno (m) sull'albero secondario 8
freno (m) sobre el mecanismo de transmisión

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1	Getriebebremse (f) brake on the secondary shaft frein (m) de mécanisme, frein (m) sur l'arbre secondaire	тормазъ (m), дѣйствующій на передаточный валъ freno (m) sul cambio di velocità freno (m) sobre el árbol secundario
2	Kupplungsbremse (f) clutch brake frein(m) sur l'embrayage	тормазъ (m) сцѣпленія freno (m) sull'innesto *o* sulla frizione freno (m) por el embrague
3	Bremsscheibe (f), Bremstrommel (f) brake drum *or* disc tambour (m) *ou* disque (m) de freinage *ou* de frein	тормазной дискъ (m) *или* барабанъ (m) puleggia (f) di freno, tamburo (m) di freno tambor (m) *ó* disco (m) de freno
4	wassergekühlte Bremsscheibe (f) water-cooled brake tambour (m) de frein à refroidissement par l'eau	тормазной дискъ (m), охлаждаемый водой puleggia (f) di freno con raffreddamento ad acqua tambor (m) de freno con refrigeración por agua
5	Bremsabnützung (f) wear of brake usure (f) du frein	снашиваніе (n) *или* изнашиваніе (n) тормаза; стираніе (n) тормаза consumo (m) *o* usura (f) del freno desgaste (m) del freno
6	Bremsnachstellung (f), Nachziehen (n) der Bremse brake adjustment réglage (m) du frein, resserrage (m) du frein	подтягиваніе (n) тормаза registramento (m) del freno reglaje (m) del freno, el apretar de nuevo del freno
7	Ruhestellung (f) der Bremse neutral position of brake position (f) de repos du frein *ou* du frein ouvert	положеніе (n) покоя тормаза; тормазъ (m) въ положеніи бездѣйствія; отпущенный тормазъ posizione (f) di freno aperto posición (f) del freno abierto *ó* aflojado
8	Bremsstellung (f), Bremsanzugstellung (f) on position of the brake position (f) de serrage du frein	положеніе (n) тормаженія; тормазъ (m) въ дѣйствіи; нажатый тормазъ posizione (f) di chiusura del freno posición (f) de aprieto del freno

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die Bremse „zieht“ („zieht nicht“)
the brake is gripping *or* acting (not acting)
le frein s'applique *ou* serre (*ou* ne s'applique pas *ou* ne serre pas)

тормазъ (m) дѣйствуетъ *или* тормозитъ (не дѣйствуетъ *или* не тормозитъ)
il freno si chiude (non si chiude)
el freno aprieta (no aprieta)

1

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die Bremse gleitet *oder* rutscht
the brake is slipping
le frein glisse *ou* patine

тормазъ (m) скользитъ
il freno scivola *o* slitta
el freno resbala *ó* patina

2

---

die Bremse frißt
the brake is seizing
le frein prend *ou* serre *ou* mord

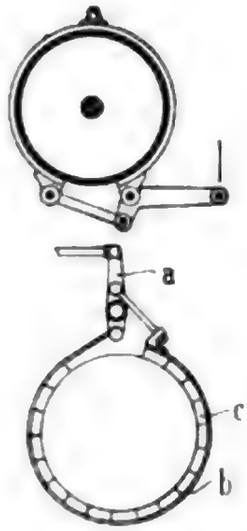
тормазъ (m) заѣдаетъ
il freno ingrana
el freno muerde

3

Bandbremse (f)
band brake
frein (m) à ruban

ленточный тормазъ (m)
freno (m) a nastro
freno (m) de cinta

4



a

Bremshebel (m)
brake lever
levier (m) de frein

тормазной рычагъ (m)
leva (f) del freno
palanca (f) de freno

5

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b

Bremsband (n)
brake band *or* hoop *or* strap
ruban (m) de frein

тормазная лента (f)
nastro (m) del freno
cinta (f) del freno

6

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c

Bremsbandbelag (m)
lining *or* leathering of the brake band
garniture (f) *ou* couverture (f) d'un ruban de frein

обкладка (f) *или* покрышка (f) тормазной ленты
guarnitura (f) del nastro del freno
guarnición (f) *ó* cubierta (f) de la cinta del freno

7

Gußeisenklötzchen (n)
small cast iron block
blochet (m) de fonte (pour le serrage)

чугунная тормазная колодка (f)
placchetta (f) *o* segmento (m) di ghisa per freno
segmento (m) *ó* zapata (f) de fundición (para el aprieto)

8

Kamelhaarriemen (m)
mohair belt
frein (m) en poil de chameau

ремень (m) изъ верблюжьей шерсти
correggia (f) *o* cinghia (f) di lana *o* crine di cammello
cinta (f) de pelo de camello

9

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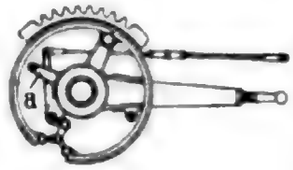
1 Backenbremse (f)
side friction *or* cheek brake
frein (m) à mâchoires *ou* à segments extensibles *ou* a collier

тормазъ (m) съ раздвижными щёками
freno (m) a ceppi
freno (m) de mordazas *ó* de collares



2 Kniehebelbremse (f)
brake with bell crank lever
frein (m) à levier coudé

тормазъ (m) съ колѣнчатымъ рычагомъ
freno (m) a braccio di leva
freno (m) por palanca acodada

---

3 Bremsbacke (f)
brake cheek *or* block
mâchoire (f) de frein, segment (m) de frein, collier (m) de frein

тормазная колодка (f)
ceppo (m) del freno
mordaza (f) *ó* collar (m) de freno

---

4 auswechselbare Bremsbacke (f)
interchangeable brake cheek *or* block
mâchoire (f) *ou* segment (m) *ou* collier (m) amovible

смѣнная тормазная колодка (f)
ceppo (m) ricambiabile del freno
mordaza (f) *ó* collar (m) reemplazable

---

5 biegungsfreie Bremsbacke (f)
rigid *or* stiff brake block
mâchoire (f) *ou* collier (m) *ou* segment (m) rigide

несгибаемая тормазная колодка (f)
ceppo (m) inflessibile del freno
mordaza (f) rígida, collar (m) rígido

---

6 Bremsfutter (n)
brake lining
fourrure (f) de frein

прокладка (f) тормаза; футеровка (f) тормаза
rivestimento (m) del freno
forro (m) *ó* guarnición (f) de freno

---

7 Graugußbacke (f)
grey cast iron brake cheek *or* block
mâchoire (f) *ou* segment (m) *ou* collier (m) en fonte grise

колодка (f) изъ сѣраго чугуна
ciabatta (f) di ghisa
mordaza (f) *ó* collar (m) de fundición gris

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8 Messingfutter (n)
brass lining
fourrure (f) *ou* garniture (f) de laiton

латунная прокладка (f) *или* футеровка (f)
guarnizione (f) interna di ottone
guarnición (f) de latón

---

9 Bremsbackenanschlag (m)
lining for the brake cheek
saillie (f) de la mâchoire *ou* du collier *ou* du segment du frein

упоръ (m) тормазной колодки
saliente (m) *o* sporgenza (f) delle ganascie di freno
saliente (m) *ó* resalto (m) de la mordaza del freno

a

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Anschlagschraube (f)
stop screw
vis (f) d'arrêt

упорный винтъ (m)
vite (f) della sporgenza *1*
tornillo (m) de retenida

Bremsnachstell-schraube (f)
brake adjustment screw
vis (f) de réglage de frein

регулировочный винтъ (m) тормаза
vite (f) di registro del freno *2*
tornillo (m) de ajuste de freno

Bremsbolzen (m)
brake bolt
boulon (m) de frein

тормазной болтъ (m)
bullone (m) *o* perno (m) del freno *3*
perno (m) de freno

Bremsenkreuz (n)
double action brake lever, brake compensating *or* cross lever
attache (f) de frein à double action

тормазная крестовина (f)
crociera (f) del freno *4*
cruceta (f) de freno de doble acción

Klotzbremse (f)
block brake
frein (m) à sabot

колодковый тормазъ (m); тормазъ съ колодками *5*
freno (m) a blocco
freno (m) de zapata

Eisenbahnbremse (f)
railway brake
frein (m) de chemin de fer

желѣзнодорожный тормазъ (m) *6*
freno (m) da ferrovia
freno (m) de ferrocarril

Kegelbremse (f)
cone brake
frein (m) à cône de friction

коническій тормазъ (m); тормазъ съ фрикціоннымъ конусомъ *7*
freno (m) a cono
freno (m) por cono de fricción

Keilnutenbremse (f)
V-groove brake
frein (m) à rainure *ou* gorge et coin

клинчатый тормазъ (m); тормазъ съ клинчатымъ колесомъ *8*
freno (m) a gola
freno (m) de ranura y cuña

Löffelbremse (f)
spoon brake, pneumatic tyre brake
frein (m) sur pneu

ложковидный тормазъ (m) [для пневматиковъ]; тормазъ, дѣйствующій на пневматикъ *9*
freno (m) a pattino
freno (m) sobre el neumático

Schlüsselbremse (f), Knebelbremse (f)
toggle brake
frein (m) à segments extensibles *ou* flexibles avec clef

тормазъ (m) съ раздвижными сегментами
freno (m) a ceppi estensibili *10*
freno (m) de segmentos extensibles *ó* flexibles

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1	Bremsknebel(m), Bremsschlüssel (m) brake toggle clef (f) de frein	a	тормазной кулачокъ (m) *или* ключъ (m) tirantino (m) di comando dei ceppi del freno nuez (f) *ó* cuña (f) de aprieto, leva (f) *ó* excéntrico (m) de aprieto
2	Knebelwelle (f), Schlüsselwelle (f) toggle spindle tourillon (m) *ou* axe (m) de la clef de frein		ось (f) тормазного кулачка *или* ключа perno (m) di comando dei ceppi del freno muñón (m) *ó* eje (m) de la leva de aprieto
3	Bremsbacke (f) mit Nachstellschraube brake cheek with adjustment screw mâchoire (f) *ou* segment (m) de frein avec vis de réglage		тормазная колодка (f) съ регулировочнымъ винтомъ ceppo (m) del freno a vite di registro mordaza (f) de freno con tornillo graduable
4	Keilbremse (f) expanding wedge brake frein (m) à cale		клиновой тормазъ (m) freno (m) a chiavetta freno (m) de cuña
5	Schraubenbremse (f), Spindelbremse (f) screw spindle brake frein (m) à vis		винтовой тормазъ (m); тормазъ съ винтомъ freno (m) a vite freno (m) de tornillo
6	Bremsträger (m) brake carrier pièces (f pl) de support du frein, porte-sabot (m), porte-mâchoire (m)		тормазной подвѣсъ (m) sopporto (m) del freno piezas (f pl) de soporte del freno, porta-zapatas (m)
7	Bremsspindel (f) brake screw spindle vis (f) de frein		тормазной винтъ (m); тормазной винтовой стержень (m) asta (f) del freno a vite tornillo (m) de freno
8	Handbremshebel (m) brake handlever levier (m) [de commande] à main du frein	a	ручной тормазной рычагъ (m) leva (f) a mano di comando del freno palanca (f) [de mando] à mano del freno
9	Sperrklinkenhebel (m) pawl *or* latch lever manette (f) du cliquet d'arrêt	a	рычагъ (m) собачки leva (f) del nottolino d'arresto manecilla (f) del trinquete de detención

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Feststellsegment (n) notched locking quadrant secteur (m) à crans d'arrêt		задерживающій сегментъ (m) settore (m) a denti sector (m) con muescas para correr la palanca	1
Bremspedal (n), Bremstritt (m) brake pedal pédale (f) de frein	a	педаль (f) тормаза pedale (m) del freno pedal (m) de freno	2
Kupplungsmitnehmer (m) gudgeon coupling *or* engaging piece goujon (m) *ou* doigt (m) d'entraînement d'un accouplement	b a	палецъ (m) для соединенія *или* для сцѣпленія perno (m) condotta della frizione dedo (m) *ó* espiga (f) de arrastre de un acoplamiento	3
Mitnehmerklaue (f) engaging dog griffe (f) d'entraînement	a	захватка (f); кулакъ (m); палецъ (m) nottolino(m) di condotta garra (f) de arrastre	4
Pedalplatte (f), Tretplatte (f) pedal plate pédale (f)	b	подножка (f) педали piastrina (f) del pedale estribo (m) del pedal	5
Pedalwelle (f), Tretwelle (f) pedal shaft arbre (m) de la pédale		валъ (m) педали albero (m) della pedaliera árbol (m) del pedal	6
Bremsgestänge (n) brake rods tringle (f) du frein		система (f) тормазныхъ рычаговъ tirante (m) del freno varilla (f) del freno	7
Bremsausgleich (m) brake compensating device compensateur (m) de frein, compensation (f) des différences de freinage		компенсаторъ (m) *или* уравнитель (m) тормаженія; уравновѣшиваніе (n) *или* выравниваніе (n) тормаженія compensazione (f) della frenata compensador (m) de freno, compensación (f) de las diferencias de frenado	8
Bremswelle (f) brake shaft barre (f) d'accouplement des freins	a	тормазной валъ (m) albero (m) del freno varilla (f) de acoplamiento de los frenos	9
Ausgleichhebel (m) compensating lever levier (m) compensateur	b	уравнительный рычагъ (m) leva (f) di compensazione palanca (f) compensadora	10

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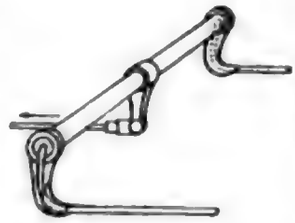
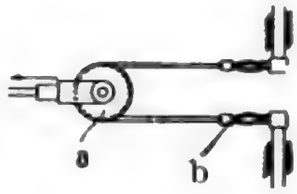
1	Schwinghebel (m) rocking lever levier (m) oscillant	b	коромысло (n); балансиръ (m) leva (f) oscillante palanca (f) oscilante
2	Bremszugstange (f) brake tension rod barre (f) *ou* tige (f) *ou* tringle (f) de manœvre du frein	c	тормазная тяга (f) tirante (m) del freno barra (f) de maniobra de freno
3	Bremsausgleich (m) durch Wagebalken compensation by double armed rocking lever pivoted at its centre compensation (f) par palonnier		выравниванiе (n) тормаженiя при помощи коромысла compensazione (f) a bilanciere compensación (f) por balancín
4	Seilbremse (f) cable brake câble (m) [compensateur] du frein		канатный тормазъ freno (m) a fune cable (m) [compensador] de freno
5	Seilausgleich (m) cable compensation compensation (f) par câble, compensateur (m) à câble		выравниванiе (n) тормаженiя канатнымъ уравнителемъ; уравновѣшенiе (n) тормаженiя канатнымъ компенсаторомъ compensazione (f) a fune compensación (f) por cable, compensador (m) de cable
6	Ausgleichrolle (f) compensating pulley galet (m) de compensation *ou* du compensateur	a	уравнительный роликъ (m) rullo (m) di compensazione rodillo (m) de compensación *ó* compensador
7	Drahtseilschloß (n) clip *or* clamp for wire rope *or* cable tendeur (m) du câble métallique (compensateur)	b	зажимъ (m) для проволочнаго каната *или* тросса serra-fune (m) tensor (m) del cable metálico (compensador)
8	Drahtseilklemme (f) clip *or* clamp for wire rope *or* cable pince (f) de serrage du câble métallique(compensateur)	b	зажимъ (m) для проволочнаго каната *или* тросса attacco (m) della fune metallica pinza (f) de aprieto del cable metálico (compensador)
9	Bremsrückzugfeder (f) brake release spring ressort (m) antagoniste du frein		оттягивающая пружина (f) тормаза molla (f) di richiamo del freno resorte (m) antagonista del freno

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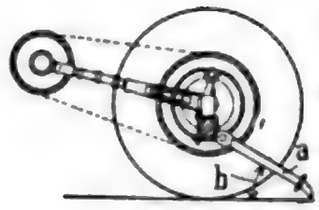
Rücklaufsicherung (f) prevention against running back dispositif (m) pour parer à la dérive en arrière, béquille (f) pour la dérive en arrière		предохранитель (m) противъ отката dispositivo (m) d'arresto del rinculo disposición para evitar el retroceso, fiador (m) contra el retroceso	1
Bergstütze (f) sprag béquille (f)	 a	подпорка (f) *или* упоръ (m) для подъёмовъ rampone (m) d'arresto fiador (m)	2
Fallstütze (f) sprag béquille (f) à décrochage	a	опускная подпорка (f); опускной упоръ (m) rampone (m) a distacco fiador (m) de desenganche	3
Neigungswinkel (m) angle of inclination angle (m) d'inclinaison	b	уголъ (m) наклона *или* уклона angolo (m) d'inclinazione ángulo (m) de inclinación	4
die Bergstütze fallen lassen (v) to drop the sprag décrocher (v) la béquille		опустить подпорку *или* упоръ distaccare (v) il rampone soltar (v) el fiador	5
der Wagen überklettert die Bergstütze the car jumps over the sprag la voiture grimpe sur la béquille		экипажъ (m) перескакиваетъ черезъ подпорку *или* черезъ упоръ la vettura rampica sopra il rampone d'arresto el coche sube por sobre el fiador de retroceso	6
Rücklaufgesperre (n) reverse lock on the driving shaft arrêt (m) de la dérive en arrière		остановъ (m) на случай отката arresto (m) del rinculo aparato (m) para impedir el retroceso	7
Klemmgesperre (n) ratchet and pawl lock to prevent running back dispositif (m) d'arrêt par serrage		зажимъ (m); зажимающій *или* фрикціонный остановъ (m) съ кулакомъ arresto (m) a denti disposición (f) de detención por aprieto	8
Sperrad (n) ratchet wheel roue (f) à rochet	 a	храповое колесо (n); храповикъ (m) ruota (f) d'arresto rueda (f) de trinquete	9
Sperrklinke (f) pawl, latch cliquet (m) d'arrêt	b	собачка (f) nottolino (m) d'arresto trinquete (m) de detención	10

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	Kupplungen	**Сцѣпленія**
1	**Couplings**	**Accoppiamenti, innesti**
	Embrayages et accouplements	**Embragues y acoplamientos**
	Kupplung (f)	сцѣпленіе (n); соединеніе (n); муфта (f); конусъ (m)
	clutch, coupling	accoppiamento (m), innesto (m), frizione (f)
2	embrayage (m), accouplement (m)	acoplamiento (m), embrague (m)
	lösbare Kupplung (f)	разъёмное сцѣпленіе (n); раздвижное соединеніе (n); раздвижная муфта (f); сцѣпной конусъ (m)
	disconnectable coupling	accoppiamento (m) *o*
3	*or* clutch	giunto (m) disinnestabile
	embrayage (m), accouplement (m) débrayable	embrague (m)
	die Kupplung einrücken (v), einkuppeln (v)	соедин-ить(-ять) сцѣпленіе; включ-ить (-ать) муфту *или* конусъ
4	to let in the clutch	attaccare (v) la frizione, innestare (v) il giunto
	embrayer (v)	embragar (v)
	die Kupplung lösen (v), auskuppeln (v)	разобщ-ить (-ать) сцѣпленіе; разъедин-ить (-ять) сцѣпленіе; разобщ-ить (-ать) муфту; разъединить (-ять) конусъ
	to declutch, to uncouple, to disconnect	disinnestare (v) il giunto,
5	*or* disengage the clutch	distaccare (v) la frizione
	débrayer (v), désaccoupler (v)	desembragar (v)
	Kupplungsdruck (m)	давленіе (n) между сцѣпляемыми частями конуса
	clutch pressure, pressure on contact surfaces	pressione (f) d'innesto
6	pression (f) entre *ou* sur les pièces embrayées *ou* accouplées	presión (f) entre las piezas embragadas
	Kupplungskraft (f)	сила (f) сцѣпленія; сцѣпляющая сила (f)
	force necessary for	forza (f) d'innesto
7	holding in the clutch	fuerza (f) necesaria para
	force (f) nécessaire pour embrayer *ou* accoupler	embragar
	die Kupplung schleifen lassen (v)	дать скользить муфтѣ *или* конусу
	to let the clutch slip	lasciare slittare (v) la
8	permettre (v) aux accouplements de se faire	frizione
		dejar (v) que se desgasten los acoplamientos
	die Kupplung brennt	сцѣпленіе (n) горитъ; муфта (f) *или* конусъ (m) горитъ
	the clutch is burning	l'innesto brucia *o* si
9	l'accouplement *ou* l'embrayage brûle	riscalda
		el embrague *ó* el acoplamiento se calienta

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feste *oder* starre Kupplung (f)
rigid coupling
accouplement (m) rigide

жёсткое *или* неподвижное сцѣпленіе (n); жёсткая *или* неподвижная муфта (f)
giunto (m) *od* accoppiamento (m) rigido *o* fisso
acoplamiento (m) rígido

1

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nachgiebige *oder* elastische Kupplung (f)
flexible *or* elastic coupling
accouplement (m) élastique *ou* flexible

эластичное сцѣпленіе (n); упругая муфта (f)
innesto (m) elastico *o* flessibile
acoplamiento (m) elástico *ó* flexible

2

Wellenkupplung (f)
shaft coupling
accouplement (m) d'arbres

сцѣпленіе (n) валовъ; соединеніе (n) валовъ
accoppiamento (m) d'alberi
acoplamiento (m) de árboles

3

Flanschkupplung (f)
flanged coupling
accouplement (m) par brides

соединеніе (n) посредствомъ фланцевъ; дисковая муфта (f); тарельчатая *или* тарелочная муфта
accoppiamento (m) a flangie
acoplamiento (m) por bridas

4

Kupplungsflansch (m)
coupling flange
bride (f) d'accouplement

a

фланецъ (m) для соединенія; стяжной флянецъ (m)
flangia (f) d'accoppiamento
brida (f) de acoplamiento

5

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anflanschen (v)
to couple *or* flange together
accoupler (v) les brides *ou* par brides

соединить фланцами
accoppiare (v) con flangie
acoplar (v) las bridas *ó* por bridas

6

Kupplungsmuffe (f)
muff coupling
manchon (m) d'accouplement

a

соединительная муфта (f)
manicotto (m) d'accoppiamento
manguito (m) de acoplamiento

7

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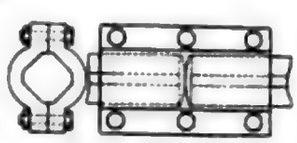
zweiteilige Kupplungsmuffe (f)
split muff coupling
manchon (m) d'accouplement en deux parties *ou* divisé



соединительная муфта (f) изъ двухъ частей; разъёмная соединительная муфта
manicotto (m) d'accoppiamento diviso in due parti
manguito (m) de acoplamiento de dos partes *ó* dividido

8

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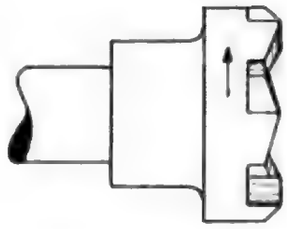
1 Klauenkupplung (f)
claw coupling, dog clutch
embrayage (m) *ou* accouplement (m) à griffes

кулачная муфта (f); сцѣпленіе (n) пальцемъ
innesto (m) a denti
embrague (m) *ó* acoplamiento (m) de garras

2 Kupplungsklaue (f)
dog *or* claw of the coupling
griffe (f) d'accouplement *ou* d'embrayage

кулакъ (m) муфты; палецъ (m) сцѣпленія
dente (m) d'innesto
garra (f) de acoplamiento *ó* de embrague

3 abgeschrägte Klaue (f)
beveled dog *or* claw
griffe (f) biseautée



скошенный кулакъ (m); скошенный палецъ (m)
dente (m) a sbieco
garra (f) biselada

4 gehärtete Klaue (f)
hardened dog *or* claw
griffe (f) trempée

закалённый кулакъ (m); закалённый палецъ (m)
dente (m) temperato
garra (f) templada

5 Zahnkupplung (f)
toothed coupling
embrayage (m) *ou* accouplement (m) à denture

зубчатая муфта (f)
innesto (m) a dentatura
embrague (m) *ó* acoplamiento (m) dentado

6 Reibungskupplung (f)
friction coupling
embrayage (m) *ou* accouplement (m) à friction

сцѣпленіе (n) треніемъ; фрикціонное сцѣпленіе (n); муфта (f) сцѣпленія; фрикціонная муфта; муфта тренія
innesto (m) a frizione
embrague (m) *ó* acoplamiento (m) de fricción

7 Kegelkupplung (f)
cone *or* bevel coupling
embrayage (m) *ou* accouplement (m) par cônes de friction

сцѣпленіе (n) конусами тренія; сцѣпленіе фрикціоннымъ конусомъ; коническая муфта (f)
innesto (m) a cono di frizione
embrague (m) *ó* acoplamiento (m) por conos de fricción

8 Kupplungshülse (f)
clutch casing
douille (f) *ou* manchon (m) d'embrayage

a

соединительная втулка (f)
bussola (f) d'innesto
manguito (m) de embrague

9 Kupplungskonus (m), Kupplungskegel (m)
clutch cone *or* bevel
cône (m) d'accouplement *ou* d'embrayage

соединительный конусъ (m); конусъ сцѣпленія; фрикціонный конусъ
cono (m) d'innesto *o* di frizione
cono (m) de acoplamiento *ó* de embrague

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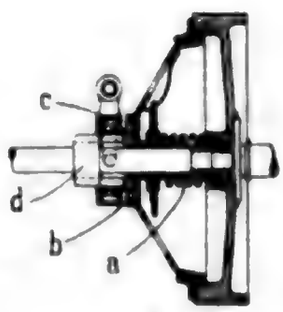
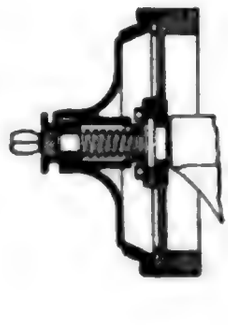
Kegelwinkel (m) angle of the cone *or* bevel ouverture (f) *ou* angle (m) du cône	a	уголъ (m) конуса angolo (m) del cono, apertura (f) del cono ángulo (m) *ó* abertura (f) del cono	1
Kupplungswelle (f) clutch shaft *or* spindle arbre (m) d'accouplement		валъ (m) сцѣпленія albero (m) d'innesto *o* della frizione árbol (m) de acoplamiento	2
Kupplungshub (m) travel of clutch course (f) des pièces à accoupler *ou* embrayer		ходъ (m) сцѣпленія corsa (f) dell'innesto carrera (f) de las piezas *ó* camino (m) recorrido por las piezas que se han de embragar *ó* acoplar	3
Kupplungsfeder (f) clutch spring ressort (m) d'un accouplement *ou* d'un embrayage		пружина (f) сцѣпленія molla (f) d'innesto resorte (m) del embrague	4
Kupplungsdruckfeder (f) clutch pressure spring ressort (m) d'embrayage, ressort (m) d'emboitement *ou* de poussée d'un embrayage *ou* d'un accouplement	 a	нажимная пружина (f) сцѣпленія molla (f) di spinta per l'innesto resorte (m) de presión *ó* de empuje de un embrague	5
Ausrückmuffe (f) throw-out sliding sleeve *or* muff manchon (m) de débrayage	b	раздвижная соединительная муфта (f); сцѣпная муфта manicotto (m) di disinnesto manguito (m) de desembragar	6
Kupplungsdrucklager (n) thrust bearing of clutch palier (m) de l'embrayage	c	упорный подшипникъ (m) сцѣпленія; подпятникъ (m) муфты cuscinetto (m) di spinta per innesto soporte (m) del embrague	7
Nachstellmutter (f) adjustment nut écrou (m) de réglage	d	гайка (f) для регулированія; установочная гайка dado (m) di registrazione tuerca (f) de graduación	8
inverse Kegelkupplung (f) reversed cone clutch embrayage (m) à cônes renversés		сцѣпленіе (n) *или* муфта (f) съ обратными конусами innesto (m) a cono rovesciato embrague (m) por conos invertidos	9

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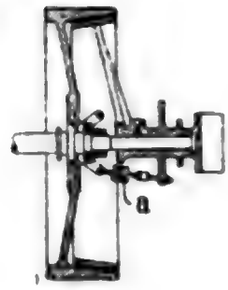
1 Kupplungszugfeder (f)
tension spring for clutch
ressort (m) de traction du cône d'embrayage



a

натяжная пружина (f) сцѣпленія; растяжная пружина муфты
molla (f) del cono d'innesto
muelle (m) de atracción del cono de embrague ó del cono macho

---

2 Kupplungsteller (m)
clutch plate
plateau (m) à fond bombé *ou* cuvette (f) d'embrayage

соединительная тарелка (f); тарелка сцѣпленія
bacino (m) d'innesto, coppa (f) della frizione
cubeta (f) del embrague

---

3 Hohlkegel (m), Innenkegel (m)
female cone of clutch
cône (m) femelle

полый конусъ (m); внутренній конусъ
cono (m) femmina
hembra (f) del cono

---

4 Kupplungsverriegelung (f)
clutch lock
verrouillage (m) d'un embrayage

замыканіе (n) сцѣпленія; замыканіе муфты
chiusura (f) a blocco del giunto
sistema (m) de aprieto ó cerrojo (m) del embrague

---

5 verriegelte Kegelkupplung (f)
locked cone coupling *or* clutch
embrayage (m) verrouillé

замкнутое коническое сцѣпленіе (n); замкнутая коническая муфта (f)
innesto (m) bloccato, chiusura (f) del giunto bloccata
embrague (m) de cerrojo

---

6 Kupplungsfußhebel (m), Kupplungspedal (n)
clutch pedal
pédale (f) d'embrayage

педаль (f) сцѣпленія; ножной рычагъ (m) для сцѣпленія и для расцѣпленія
pedale (m) o leva (f) d'innesto
pedal (m) del embrague

---

7 Fußhebelwelle (f), Pedalwelle (f)
pedal shaft
arbre (m) de (levier à) pédale

a

валъ (m) педали
albero (m) della pedaliera
árbol (m) (de la palanca) de pedal

---

8 entlastete Kegelkupplung (f)
balanced cone clutch
embrayage (m) conique équilibré

уравновѣшенное коническое сцѣпленіе (n); уравновѣшенная коническая муфта (f)
innesto (m) a cono equilibrato
embrague (m) cónico equilibrado

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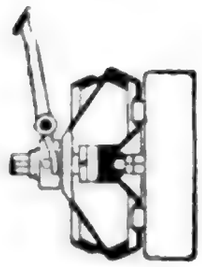
Doppelkegelkupplung (f)
double cone clutch
embrayage (m) conique double



двойное коническое сцѣпленіе (n); двойная коническая муфта (f)
innesto (m) a cono doppio
embrague (m) conico doble 1

---

eine Kupplung nachstellen (v)
to reset a clutch, to take up the play in a clutch
rattraper (v) le jeu d'un embrayage

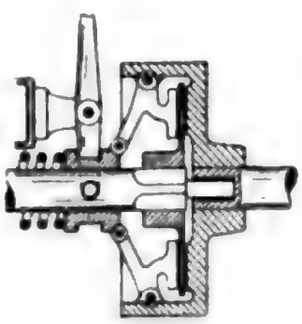
урегулировать сцѣпленіе урегулировать муфту
registrare (v) il giuoco d'un innesto
corregir (v) el juego de un embrague 2

---

metallische Kegelkupplung (f)
metal-to-metal cone clutch
embrayage (m) à cône en métal

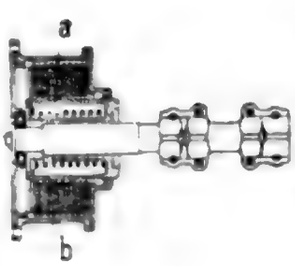
металлическое коническое сцѣпленіе (n); металлическая коническая муфта (f)
giunto (m) a coni metallici
embrague (m) por conos de metal 3

Plattenkupplung (f), Scheibenkupplung (f)
plate *or* disc coupling
embrayage (m) à plateaux lisses



сцѣпленіе (n) дисками; дисковая муфта (f)
giunto (m) a dischi (lamellari)
embrague (m) de platillos *ó* discos lisos 4

Lamellenkupplung (f)
clutch with multiple laminated discs, multiple disc clutch
embrayage (m) à disques juxtaposés



пластинчатое сцѣпленіе (n); пластинчатая муфта (f)
innesto (m) a dischi multipli
embrague (m) de discos yuxtapuestos 5

Kupplungslamelle (f)
clutch disc
disque (m) d'embrayage

a

пластина (f) сцѣпленія; дискъ (m) пластинчатой муфты
disco (m) d'innesto
disco (m) de embrague 6

Kupplungsgehäuse (n)
clutch casing
boite (f) de l'embrayage *ou* de l'accouplement

b

коробка (f) сцѣпленія; коробка сцѣпляющаго механизма
scatola (f) dell'innesto
caja (f) del embrague 7

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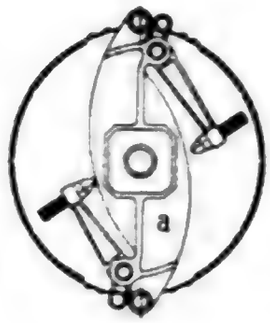
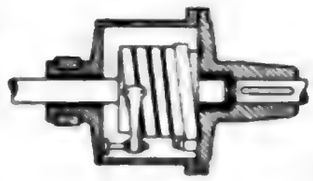
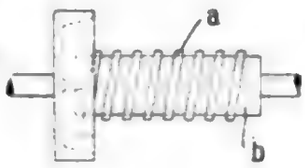
1	Bandkupplung (f) expanding band coupling *or* clutch embrayage (m) *ou* accouplement (m) à ruban *ou* à bande		ленточное сцѣпленіе (n); ленточная муфта (f) giunto (m) a nastro embrague (m) *ó* acoplamiento (m) de cinta
2	Kupplungsarm (m), Kupplungskreuz (n) clutch lever bras (m) d'embrayage	a	крестовина (f) сцѣпленія; крестовина муфты braccio (m) *o* croce (f) d'innesto brazo (m) de embrague
3	Federbandkupplung (f), Spiralbandkupplung (f) spring band coupling, spiral band spring coupling embrayage (m) à ressort a ruban *ou* en hélice		пружинное ленточное соединеніе (n); спирально-ленточная муфта (f) giunto (m) a spirale, innesto (m) a nastro spirale embrague (m) de resorte de cinta en espiral
4	Kupplungsfederband (n) clutch spring band ressort (m) à ruban d'embrayage	 a	соединительная ленточная пружина (f) molla (f) a nastro del giunto resorte (m) espiral de cinta del embrague
5	Kupplungstrommel (f) drum of clutch tambour (m) d'embrayage	b	соединительный барабанъ (m); барабанъ муфты tamburo (m) del giunto tambor (m) del embrague
6	Einrückkegel (m) entering cone cône (m) d'embrayage		сцѣпляющій конусъ (m) cono (m) d'innesto cono (m) de embrague
7	Kupplungsbolzen (m) clutch bolt goujon (m) *ou* cheville (f) d'embrayage		соединительный *или* сцѣпной болтъ (m); болтъ муфты bullone (m) del giunto clavija (f) del embrague
8	Backenkupplung (f) cheek *or* jaw clutch embrayage (m) à mâchoire *ou* à collier		сцѣпленіе помощью щёкъ; щёчная муфта (f); муфта со щёками giunto (m) a ganascie embrague (m) de mordazas
9	Ausdehnungskupplung (f), Expansionskupplung (f) expansion clutch embrayage (m) à collier *ou* segments extensibles		расширительное сцѣпленіе (n); расширительная муфта (f) innesto (m) a segmenti estensibili embrague (m) por segmentos extensibles

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elektromagnetische Kupplung (f)
electromagnetic clutch
embrayage (m) électromagnétique

электромагнитное сцѣпленіе (n); электромагнитная муфта (f)
giunto (m) elettromagnetico
embrague (m) electromagnético

1

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hydraulische Kupplung (f)
hydraulic clutch
embrayage (m) hydraulique

гидравлическое сцѣпленіе (n); гидравлическая муфта (f)
giunto (m) idraulico
embrague (m) hidráulico

2

Behälter
Tanks
Réservoirs

Резервуары
Serbatoi
Recipientes

3

Behälter (m), Reservoir (n)
tank, reservoir
réservoir (m)

сосудъ (m); резервуаръ (m); бакъ (m)
serbatoio (m), recipiente (m)
recipiente (m), depósito (m), tanque (m)

4

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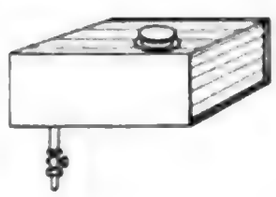
explosionssicherer Benzinbehälter (m)
explosion proof benzin tank
réservoir (m) à essence inexplosible

безопасный резервуаръ (m) для бензина
serbatoio (m) di benzina inesplosibile
depósito (m) de gasolina inexplosible

5

Behälter (m) unter dem Sitz
tank underneath the seat
réservoir (m) sous le siège



резервуаръ (m) подъ сидѣніемъ
serbatoio (m) sotto il sedile
depósito (m) montado debajo del asiento

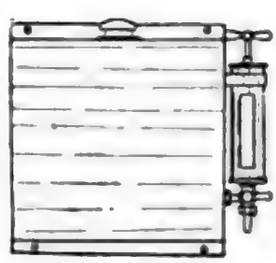
6

Ölbehälter (m)
oil tank
réservoir (m) d'huile

резервуаръ (m) для масла
serbatoio (m) d'olio
depósito (m) de aceite

7

Ölbehälter (m) mit Pumpe (für die Spritzwand)
oil tank with pump (for the dash board)
réservoir (m) d'huile avec pompe



резервуаръ (m) для масла съ насосомъ [для передней доски автомобиля]
serbatoio (m) d'olio a pompa pel cruscotto
depósito (m) de aceite con bomba

8

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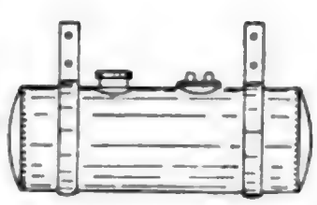
seitlich am Rahmen aufgehängte Öltrommel (f)
oil drum suspended on the side of the frame
cylindre (m) à huile suspendu latéralement au châssis



круглый резервуаръ (m) для масла, подвѣшенный сбоку на рамѣ
serbatoio (m) d'olio applicato lateralmente al telaio
depósito (m) cilíndrico de aceite suspendido lateralmente al bastidor

9

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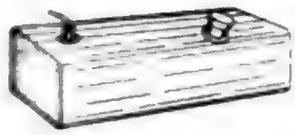
1 unter dem Rahmen aufgehängter Benzinbehälter (m)
petrol tank suspended below the frame
réservoir (m) d'essence suspendu sous le châssis



резервуаръ (m) съ бензиномъ, подвѣшенный подъ рамой
serbatoio (m) di benzina applicato sotto il telaio
recipiente (m) de gasolina suspendido debajo del bastidor

2 Bremswasserbehälter (m)
brake water tank
réservoir (m) d'eau du frein

резервуаръ (m) съ водою для тормаза
serbatoio (m) d'acqua pel freno
recipiente (m) de agua del freno

3 Kühlwasserbehälter (m)
cooling water tank
réservoir (m) d'eau de refroidissement

резервуаръ (m) для охлаждающей воды
serbatoio (m) dell'acqua di raffreddamento
recipiente (m) de agua de refrigeración

4 Benzinkanne (f)
petrol can
bidon (m) à essence

бидонъ (m) для бензина
latta (f) per benzina
bidón (m) de gasolina

5 Lufthahn (m)
air cock
robinet (m) à air

воздушный кранъ (m)
robinetto (m) d'aria
grifo (m) de aire

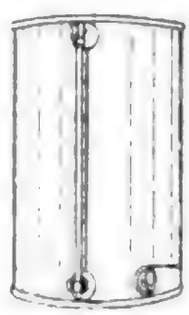
6 explosionssicheres Kanister (n)
safety can
bidon (m) inexplosible

безопасный бидонъ (m)
recipiente (m) inesplosibile
bidón (m) inexplosible, lata (f) inexplosible

7 Ausgußtülle (f)
spout
bec (m) d'écoulement

носикъ (m)
bocchettone (m) *o* becco (m) d'efflusso
boquilla (f) de salida

8 Benzinstandgefäß (n)
petrol storage drum
réservoir (m) d'essence à pied

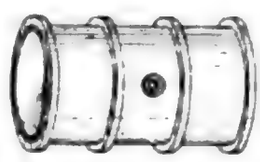


сосудъ (m) для бензина съ указателемъ уровня
recipiente (m) a piede per benzina *o* da garage
depósito (m) de gasolina de pie

9 Benzinfaß (n)
petrol drum
fût (m) *ou* tonneau (m) à essence

бочка (f) для бензина
barile (m) *o* botte (f) di benzina
barril (m) de gasolina

10 Versandfaß (n), Transportfaß (n)
transport drum
fût (m) *ou* tonneau (m) pour le transport



бочка (f) для перевозки
barile (m) da trasporto
barril (m) de transporte

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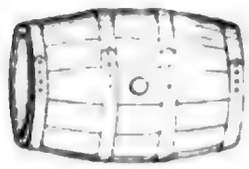
Holzfaß (n), Holzgebinde (n)
wooden cask *or* barrel
fût (m) en bois

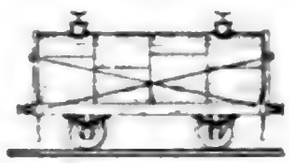


деревянная бочка (f)
fusto (m) di legno, barile (m) di legno
barril (m) de madera *1*

Leihfaß (n), geliehenes Faß (n)
borrowed *or* loan cask *or* barrel
fût (m) prêté, fût (m) emprunté

бочка (f) на прокатъ
botte (f) data in prestito *od* imprestata
barril (m) [tomado] prestado *2*

Behälterwagen (m), Bassinwagen (m), Tankwagen (m)
cistern *or* tank waggon
wagon (m) citerne



вагонъ (m) -цистерна (f)
vagone-cisterna (m)
vagón-cuba (m) *3*

Schlingerwand (f)
baffle plate
cloison (f) ondulée

перегородка (f) [противъ расплескиванія]
parete (f) a serpentino, parete (f) elicoidale
tabique (m) ondulado *4*

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herumlaufendes Stahlband (n)
steel band *or* loop
collier (m) *ou* étrier (m) en feuillard d'acier

стальная оковка (f); обхватывающая стальная лента (f)
collare (m) in nastro d'acciaio
collar (m) de llanta de hierro *5*

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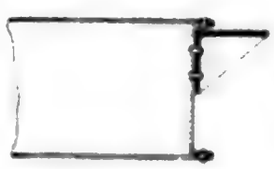
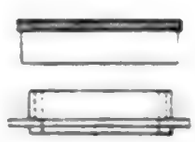
angenieteter Aufhängewinkel (m)
angle bracket riveted on
équerre (f) de support rivetée sur . . .



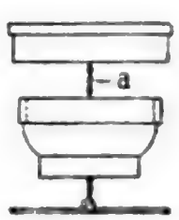
приклёпанный наугольникъ (m) для подвѣшиванія
sostegno (m) angolare di sospensione inchiodato
escuadra (f) de soporte ó consola remachada sobre . . . *6*

Eingußverschraubung (f)
inlet screw plug
bouchon (m) [fileté] de remplissage



винтовой затворъ (m) отверстія для наливанія; винтовая пробка (f) для наливного отверстія
tappo (m) filettato di carico
tapón (m) roscado de relleno *7*

Eingußverschraubung (f) mit gesichertem Deckel
inlet screw plug with safety cover
bouchon (m) de remplissage à calotte de sûreté



винтовой затворъ (m) *или* винтовая пробка (f) съ крышкой на цѣпочкѣ
tappo (m) di carico con fermatappo
tapón (m) de relleno con tapa de seguridad *8*

Sicherungskette (f)
safety chain
chaîne (f) de sûreté

a

предохранительная цѣпочка (f)
catenella (f) (fermatappo) di sicurezza
cadena (f) de seguridad *9*

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1 abfüllen (v), abzapfen (v), zapfen (v)
to draw off
soutirer (v)

перелить; выпустить; залить
scaricare (v)
trasegar (v)

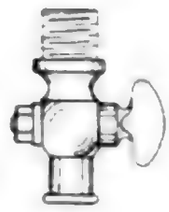
2 entleeren (v)
to empty
vider (v)

опорожн-ить (-ять)
vuotare (v)
vaciar (v)

3 Zapfhahn (m)
trap, drain cock
robinet (m) de soutirage *ou* de vidange

спускной кранъ (m)
robinetto (m) di scarico *o* di spurgo
grifo (m) de trasiego

4 Ablaßhahn (m)
drain cock
robinet (m) de vidange



спускной кранъ (m)
robinetto (m) di scarico *o* di spurgo
grifo (m) de evacuación

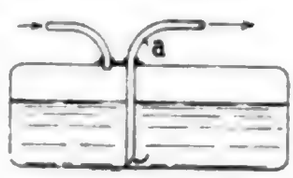
5 unter Druck setzen (v)
to put under pressure
mettre (v) sous pression

подвергнуть давленію
mettere (v) sotto pressione
poner (v) bajo presión

6 Druckeinlaßstutzen (m)
pressure inlet connecting tube
tubulure (f) de mise sous pression

нагнетательный *или* напорный впускной патрубокъ (m)
raccordo (m) d'ammissione della pressione
tubuladura (f) de puesta bajo presión

7 Benzinsteigerohr (n) mit schräg geschnittenem Ende
petrol delivery *or* rising pipe with chamfered end
tuyau (m) de montée *ou* d'ascension d'essence à extrémité coupée en biseau



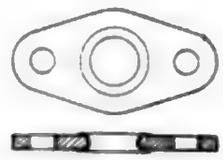
a

подъёмная трубка (f) для бензина съ косо обрѣзаннымъ концомъ
tubo (m) ascendente per la benzina con estremità tagliata a sbieco
tubo (m) de ascenso para gasolina con extremidad cortada en bisel

8 Schutzverkleidung (f) aus Holzlatten
wooden lagging
lattis (m) protecteur, revêtement (m) protecteur en lattes

предохранительная рѣшётка (f) *или* обшивка (f) *или* броня (f) изъ деревянныхъ дощечекъ
riparo (m) in liste di legno
enlistonado (m) protector de madera

9 Kupferasbestdichtung (f)
copper asbestos packing
garniture (f) en cuivre-amiante



мѣдно-азбестовая прокладка (f)
guarnizione (f) di rame con amianto
guarnición (f) de cobre y amianto

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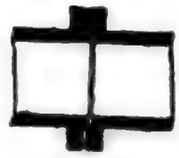
Flansch (m) mit Zentrierrand
recessed flanged joint
bride (f) à emboitement



фланецъ (m) съ центрирующимъ краемъ; флянецъ съ заточкой и выступомъ 1
flangia (f) d'imbussolamento
brida (f) de enchufe

---

ein Rohr umbördeln (v) *oder* bördeln (v)
to flange *or* bead a tube
faire (v) un collet à un tube

выгнуть (выгибать) раструбомъ 2
flangiare (v) un tubo
rebordear (v) un tubo

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V.

Ausrüstung der Dampfwagen

Engine Equipment of Steam Wagons

Equipement des voitures à vapeur

Оборудованіе парового автомобиля

Corredamento meccanico delle vetture a vapore

Equipo de los coches de vapor

---

1 Dampfwagen (m), Dampfautomobil (n)
steam wag[g]on, steam car
voiture (f) automobile à vapeur

паровой автомобиль (m); паромобиль (m)
automobile (m) *o* vettura (f) a vapore
coche (m) *ó* carruaje (m) automóvil de vapor

---

2 Dampf (m), Wasserdampf (m)
steam
vapeur (f) (d'eau)

паръ (m); водяной паръ
vapore (m), vapore (m) d'acqua
vapor (m)

3 **Kessel**
Boilers
Chaudières

Котлы
Caldaie
Calderas

4 Dampferzeuger (m), Dampfkessel (m)
steam boiler
générateur (m) de vapeur, chaudière (f) à vapeur

парообразователь (m); генераторъ (m) пара; паровой котёлъ (m)
generatore (m) di vapore, caldaia (f) di vapore
generador (m) de vapor, caldera (f) de vapor

---

5 Dampfsammler (m)
steam drum
réservoir (m) *ou* chambre (f) de vapeur, dôme (m)

парособиратель (m)
serbatoio (m) del vapore
colector (m) de vapor

---

6 Kessel (m) mit getrenntem Wasser- und Dampfraum
boiler with separate steam drum
chaudière (f) à chambres de vapeur et d'eau séparées

котёлъ (m) съ отдѣльными водянымъ и паровымъ пространствами
caldaia (f) con camere d'acqua e di vapore separate
caldera (f) con cámaras de vapor y agua separadas

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Kessel (m) mit gemeinsamem Wasser- und Dampfraum
boiler with water and steam in one chamber
chaudière (f) avec chambre unique d'eau et de vapeur

котёлъ (m) съ общимъ водянымъ и паровымъ пространствомъ
caldaia (f) con camera d'acqua e di vapore unica
caldera (f) con cámara única para agua y vapor

1

Dampfdom (m)
steam dome
dôme (m) de chaudière

паровой колпакъ (m); сухопарный колпакъ; сухопарникъ (m)
duomo (m) d'una caldaia
cúpula (f) de caldera, dome (m)

2

Sicherheitskessel (m)
safety boiler
chaudière (f) de sûreté

безопасный котёлъ (m)
caldaia (f) di sicurezza
caldera (f) de seguridad

3

Blitzkessel (m)
flash boiler
générateur (m) à vaporisation *ou* production de vapeur instantanée

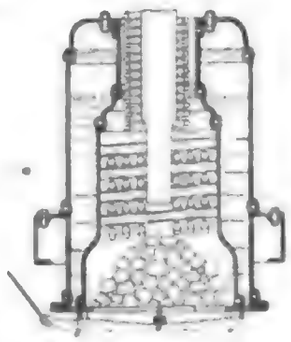
котёлъ (m) для быстраго парообразованія
generatore (m) a vaporizzazione istantanea
generador (m) de vaporización instantánea

4

Röhrenkessel (m)
tubular boiler
chaudière (f) tubulaire

трубчатый котёлъ (m)
caldaia (f) a tubi *o* tubulare
caldera (f) tubular

5



Wasserrohrkessel (m)
watertube boiler
chaudière (f) à tubes d'eau

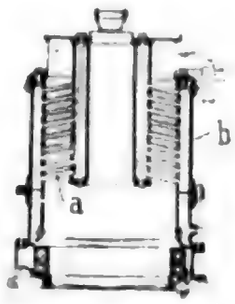
водотрубный котёлъ (m)
caldaia (f) a tubi d'acqua
caldera (f) con tubos de agua

6

Kessel (m) mit wagerechten Rohren
boiler with horizontal tubes
chaudière (f) à tubes horizontaux

котёлъ (m) съ горизонтальными трубками
caldaia (f) a tubi orizzontali
caldera (f) de tubos horizontales

7



Wasserrohr (n)
water tube
tube (m) d'eau

водяная трубка (f)
tubo (m) da acqua
tubo (m) de agua

8

---

a

Kesselmantel (m)
boiler shell
paroi (f) *ou* enveloppe (f) de chaudière

кожухъ (m) котла
involucro (m) *o* corpo (m) della caldaia
pared (f) *ó* envolvente (m) *ó* camisa (f) de la caldera

b

9

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1 genieteter Kessel (m)
riveted boiler
chaudière (f) rivée

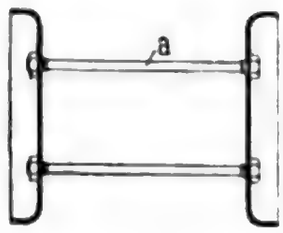
склёпанный котёлъ (m)
caldaia (f) ribadita
caldera (f) roblonada

2 geschweißter Kessel (m)
welded boiler
chaudière (f) soudée

сварной котёлъ (m)
caldaia (f) saldata
caldera (f) soldada

3 Kesselversteifung (f)
boiler stays (pl)
tirants (m pl) *ou* entretoises (f pl) de chaudière

жёсткое крѣпленіе (n) котла
rinforzo (m) della caldaia
tirantes (m pl) *ó* riostras (f pl) de caldera



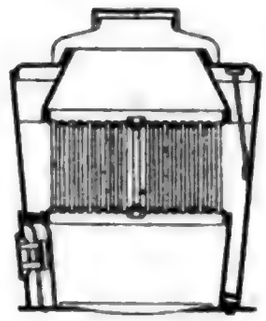
a

4 Stehbolzen (m)
stay bolt, stay rod
tirant (m)

распорный болтъ (m)
tirante (m) della caldaia, vite (f) passante
tirante (m), riostra (f)

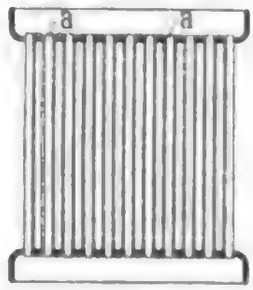
5 Kessel (m) mit senkrechten Rohren
boiler with vertical tubes
chaudière (f) à tubes verticaux

котёлъ (m) съ вертикальными трубками
caldaia (f) a tubi verticali
caldera (f) de tubos verticales



6 Feuerrohrkessel (m)
fire *or* smoke tube boiler
chaudière (f) à tubes de fumée, chaudière (f) tubulaire

котёлъ (m) съ дымогарными трубками
caldaia (f) a focolare interno
caldera (f) de tubos de humo



a

7 Feuerrohr (n)
fire *or* smoke tube
tube (m) de fumée

дымогарная трубка (f)
tubo (m) del focolare, tubo (m) bollitore
tubo (m) de humo

8 Rohrschlangenkessel (m)
boiler with tube coils
chaudière (f) à serpentin

котёлъ (m) со змѣевикомъ
caldaia (f) a serpentini
caldera (f) con serpentin

9 eingewalztes Rohr (n)
tube rolled in
tube (m) mandriné dans la paroi

развальцованная труба (f)
tubo (m) laminato
tubo (m) mandrilado en la pared

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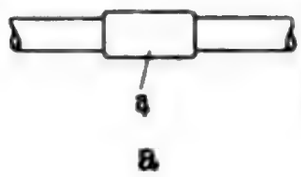
eingeschweißtes Rohr (n)
tube welded in
tube (m) soudé

приварная труба (f)
tubo (m) saldato
tubo (m) soldado
1

starkwandiges Rohr (n)
thick tube
tube (m) à paroi épaisse

труба (f) съ толстыми стѣнками
tubo (m) a parete spessa
tubo (m) de pared espesa
2

Rohrmuffe (f)
socket
raccord (m) de tube



муфта (f) для трубъ
manicotto (m) del tubo
[manguito (m) de] unión (f) de los tubos
3

ovales Rohr (n)
oval tube
tube (m) à section elliptique

овальная труба (f)
tubo (m) ovale
tubo (m) de sección elíptica
4

nierenförmiges Rohr (n)
tube with kidney shaped cross section
tube (m) à section en forme de rein

труба (f) почкообразнаго сѣченія
tubo (m) arcuato forma di rene
tubo (m) de sección en forma de riñón
5

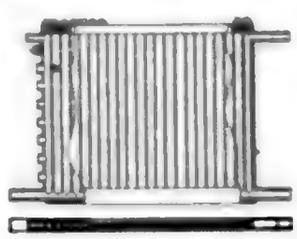
schlangenförmig gewundenes Rohr (n), Rohrschlange (f)
coiled tube, spirally coiled tube, tube coil
serpentin (m)

змѣевикъ (m)
tubo (m) a serpentino, tubo (m) piegato e ripiegato su sè stesso, serpentino (m)
tubo (m) enroscado ó en forma de espiral, serpentín (m)
6

Heizschlange (f)
heating coil
serpentin (m) de vapeur

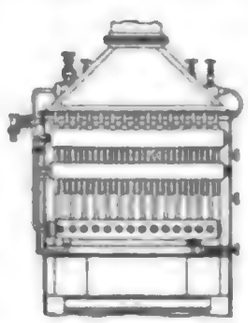
нагрѣвательный змѣевикъ (m)
serpentino (m) bollitore
serpentín (m) de vapor
7

Rohrplatte (f)
tube plate
plaque (f) à tubes intérieurs, cloison (f) tubulaire



плита (f) съ внутренней батарей трубъ
piastra (f) tubulare
placa (f) de tubos interiores, tabique (m) tubular
8

Rohrplattenkessel (m)
tube plate boiler
chaudière (f) cloisonnée



котёлъ (m) съ батареями трубъ, помѣщённыхъ внутри плитъ
caldaia (f) a piastre tubulari
caldera (f) con tabiques tubulares ó de tubos hervidores
9

Sicherheitsrohrplattenkessel (m)
safety boiler with tube plates
chaudière (f) de sûreté cloisonnée *ou* avec plaques tubulaires

безопасный котёлъ (m) съ батареями трубъ
caldaia (f) di sicurezza a piastre tubulari
caldera (f) de seguridad con tabiques de tubos hervidores
10

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1	Lokomotivkessel (m) locomotive boiler chaudière (f) de locomotive	паровозный котёлъ (m); котёлъ паровознаго типа caldaia (f) da locomotiva caldera (f) de locomotora
2	ausziehbarer Röhrenkessel (m) locomotive boiler with removable nest of tubes chaudière (f) de locomotive à tubes amovibles	котёлъ (m) съ выдвижными трубками caldaia (f) a tubi smontabili caldera (f) de locomotora con tubos móviles
3	Ausblasekammer (f) blow off tank chambre (f) d'échappement	продув[атель]ная камера (f) soffiatore (m) cámara (f) de escape
4	Kegelpfropfen (m), kegelförmiger mit Gewinde versehener Pfropfen (m) coned screwed plug bouchon (m) conique à vis	конусообразная пробка (f), снабжённая винтовой нарѣзкой tappo (m) conico filettato tapón (m) cónico de tornillo
5	Wasserstand (m) water level niveau (m) d'eau	уровень (m) воды livello (m) d'acqua nivel (m) de agua
6	Heizfläche (f) heating surface surface (f) de chauffe	поверхность (f) нагрѣва superficie (f) di riscaldamento superficie (f) de caldeo
7	unmittelbare *oder* direkte Heizfläche (f) directly heated surface surface (f) de chauffe directe	поверхность (f) нагрѣва, непосредственно соприкасающаяся съ пламенемъ superficie (f) di riscaldamento diretto superficie (f) de calefacción directa
8	mittelbare *oder* indirekte Heizfläche (f) indirectly heated surface surface (f) de chauffe indirecte	поверхность (f) нагрѣва, соприкасающаяся съ горячими газами superficie (f) di riscaldamento indiretto superficie (f) de calefacción indirecta
9	Heizraum (m) firing space chambre (f) de chauffe	огневое пространство (n); огневая коробка (f) camera (f) di riscaldamento cámara (f) de caldeo

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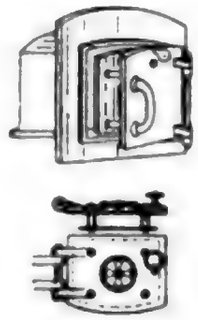
wasserberührte Oberfläche (f) surface in contact with water surface (f) baignée par l'eau		поверхность (f), омываемая водой superficie (f) bagnata dall'acqua superficie (f) bañada por el agua	1
dampfberührte Fläche (f) surface in contact with steam surface (f) en contact avec la vapeur		поверхность (f), омываемая паромъ superficie (f) toccata dal vapore superficie (f) en contacto con el vapor	2
Feuerung (f) furnace foyer (m)		топка (f) combustione (f), focolare (m) hogar (m)	3
selbsttätig geregelte Feuerung (f) automatically regulated combustion *or* firing foyer (m) à réglage automatique		автоматически регулируемая топка (f) combustione (f) a regolamento automatico hogar (m) con regulación automática	4
Dampfkessel (m) mit Koksfeuerung coke fired boiler chaudière (f) à foyer pour coke		паровой котёлъ (m) съ топкой для кокса caldaia (f) a vapore per combustione di coke caldera (f) con hogar para cok	5
Feuertür (f), Feuerbüchstür (f) fire door, furnace door porte (f) de foyer		топочная дверца (f) porta (f) del focolaio puerta (f) del hogar	6
Rost (m) grate grille (f)		колосниковая рѣшётка (f) graticola (f), griglia (f) parrilla (f), rejilla (f)	7
Roststab (m) fire bar barreau (m) de grille		колосникъ (m) sbarra (f) di graticola barra (f) ó elemento (m) de la parrilla	8
Rostfläche (f) grate area surface (f) de grille		площадь (f) колосниковой рѣшётки superficie (f) di graticola superficie (f) de la parrilla	9
fester Rost (m) fixed grate grille (f) fixe		неподвижная колосниковая рѣшётка (f) graticola (f) fissa parrilla (f) fija	10

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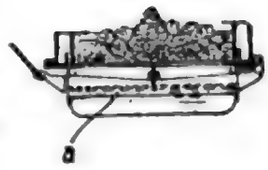
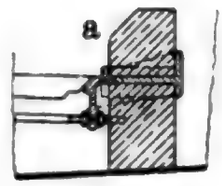
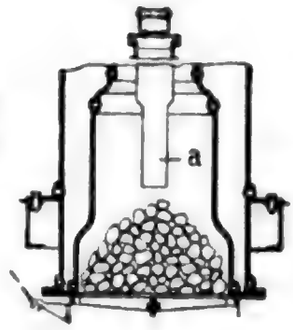
1	beweglicher Rost (m), Kipprost (m), Klapprost (m) movable *or* hinged grate, tipping grate grille (f) mobile *ou* à charnière	 a	подвижная колосниковая рѣшётка (f); откидная колосниковая рѣшётка graticola (f) mobile parrilla (f) móvil *ó* de charnela
2	Aschenraum (m) ash pan, ash pit cendrier (m)	a	зольникъ (m); поддувало (n) ceneraio (m) cenicero (m)
3	Aschenfall (m) ash pit cendrier (m)		поддувало (m); зольникъ (m) ceneraio (m) cenicero (m)
4	Schlackenfall (m) clinker pit dépôt (m) des scories de foyer		коробка (f) для шлаковъ scoriatoio (m) caja (f) de escorias
5	nasser Aschenraum (m) wet ashpit cendrier (m) à arrosage		зольникъ (m) съ водой; зольникъ, орошаемый водой; зольникъ, съ водянымъ орошеніемъ ceneraio (m) bagnato cenicero (m) de regadera
6	Feuerbrücke (f) fire bridge autel (m) du foyer	 a	топочный порогъ (m) ponte (m) del focolaio puentecillo (m) del hogar
7	Schachtfeuerung (f) furnace with coal shoot *or* feeding hopper (in the boiler) foyer (m) à trémie de chargement	 a	шахтная топка (f) alimentazione (f) del fuoco a tramoggia hogar (m) con alimentación por tolva
8	Füllschacht (m) coal shoot trémie (f) de chargement	a	загрузочная шахта (f) tramoggia (f) di caricamento conducto (m) de carga
9	Füllöffnung (f) mouth, charging hole orifice (m) *ou* bouche (f) de chargement		загрузочное отверстие (n) apertura (f) di carico boca (f) de carga
10	Zugregelung (f) regulation of draught réglage (m) du tirage		регулировка (f) тяги regolazione (f) del tiraggio regulación (f) del tiro

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Zugregler (m) damper registre (m)	регуляторъ (m) тяги regolatore (m) del tiraggio registro (m)	1
Dampfkessel (m) mit Petroleumfeuerung boiler fired with [petroleum] paraffin chaudière (f) chauffée au pétrole	паровой котёлъ (m) съ керосиновымъ отопленіемъ caldaia (f) a combustione di petrolio caldera (f) calentada con petróleo	2
Brenner (m) burner brûleur (m)	горѣлка (f) bruciatore (m), becco (m) di riscaldamento quemador (m), mechero (m)	3
Petroleumbrenner (m) paraffin burner brûleur (m) à pétrole	керосиновая горѣлка (f) becco (m) *o* bruciatore (m) a petrolio mechero (m) de petróleo	4
Luftdüse (f) air nozzle buse (f) d'air	воздушное сопло (n); насадка (f) для воздуха bocchettone (m) d'aria tobera (f) *ó* boquilla (f) de aire	5
Brennstoffdüse (f) fuel nozzle ajutage (m) pour combustible liquide	сопло (n) *или* форсунка (f) для горючаго bocchettone (m) del combustibile tobera (f) *ó* boquilla (f) para el combustible liquido	6
den Brenner anzünden (v) to light up the burner allumer (v) le brûleur	зажечь горѣлку accendere (v) il becco *od* il bruciatore encender (v) el mechero *ó* quemador	7
Wirkungsgrad (m) des Kessels efficiency of the boiler rendement (m) de la chaudière	коеффиціентъ (m) полезнаго дѣйствія котла rendimento (m) della caldaia rendimiento (m) de la caldera	8
Dampfmenge (f) volume of steam volume (m) de vapeur	количество (n) пара quantità (f) di vapore volumen (m) del vapor	9
Dampfspannung (f), Dampfdruck (m) steam pressure pression (f) de vapeur	давленіе (n) пара tensione (f) del vapore presión (f) del vapor	10
Betriebspannung (f) working pressure pression (f) en service normal *ou* de régime	рабочее давленіе (n) pressione (f) di lavoro tensión (f) *ó* presión (f) de régimen	11

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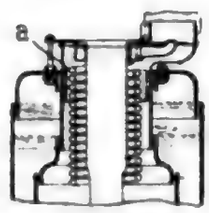
1	Frischdampf (m) live steam vapeur (f) vive *ou* fraiche	свѣжій паръ (m) vapore (m) vivo vapor (m) vivo *ó* recién-producido
2	überhitzter Dampf (m) superheated steam vapeur (f) surchauffée	перегрѣтый паръ (m) vapore (m) surriscaldato vapor (m) recalentado
3	Überhitzerkammer (f) superheater *or* superheating chamber chambre (f) de surchauffe	камера (f) перегрѣвателя camera (f) di surriscaldamento cámara (f) de recalentamiento
4	[Dampf-]Überhitzung (f) steam superheating surchauffe (f) de la vapeur	перегрѣвъ (m) [пара] surriscaldamento (m) *o* soprascaldamento (m) del vapore recalentamiento (m) del vapor
5	Überhitzerrohr (n) superheater tube tube (m) de surchauffeur	труб[к]а (f) перегрѣвателя tubo (m) surriscaldatore *o* di surriscaldamento tubo (m) del recalentador
6	nasser Dampf (m), gesättigter Dampf (m) wet steam, saturated steam vapeur (f) humide, vapeur (f) saturée	влажный паръ (m); насыщенный паръ vapore (m) saturo vapor (m) húmedo *ó* saturado
7	trockener Dampf (m) dry steam vapeur (f) séche	сухой паръ (m) vapore (m) secco vapor (m) seco
8	Brennstoffmenge (f) pro Pferdekraft-Stunde quantity of fuel per horsepower hour consommation (f) de combustible par cheval-heure	количество (n) топлива, [приходящееся] на лошадиную силу въ часъ quantità (f) di combustibile per cavallo-ora gasto (m) de combustible por caballo-hora
9	Speisewasser (n) feed water eau (f) d'alimentation	питательная вода (f) acqua (f) d'alimentazione agua (f) de alimentación
10	Speisewasseranschluß (m) feed water connection raccord (m) du tuyau d'alimentation	присоединеніе (n) водо питательной трубы raccordo (m) dell'acqua d'alimentazione unión (f) del conducto de alimentación



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Speisewasservorwärmer (m) feed water heater réchauffeur (m) de l'eau d'alimentation	подогрѣватель (m) питательной воды riscaldatore (m) dell'acqu ad'alimentazione recalentador (m) del agua de alimentación	1
Wasserumlauf (m), Wasserzirkulation (f) circulation of the water circulation (f) d'eau	циркуляція (f) воды circolazione (f) d'acqua circulación (f) del agua	2
Niederschlagwasser (n) condensed water, water of condensation eau (f) condensée, eau (f) de condensation	конденсаціонная вода (f) acqua (f) condensata agua (f) condensada, agua (f) de condensación	3
Wärmeschutz (m) lagging, insulation calorifuge (m)	предохраненіе (n) отъ потери тепла; сохраненіе (n) тепла protezione (f) *o* difesa (f) dal calore calorífugo (m)	4
Kesselisolation (f) boiler lagging material revêtement (m) calorifuge de chaudière	изоляція (f) котла isolamento (m) della caldaia aislamiento (m) *ó* revestimiento (m) calorífugo de la caldera	5
Ummantelung (f) covering the boiler chemise (f) *ou* revêtement (m) de chaudière	оболочка (f) котла camicia (f) della caldaia revestimiento (m) *ó* camisa (f) de la caldera	6
Kesselverkleidung (f) boiler covering *or* lagging revêtement (m) de chaudière	обшивка (f) котла; котельная обшивка rivestimento (m) della caldaia revestimiento (m) de la caldera	7
Kesselausrüstung (f), Kesselarmatur (f) boiler fittings armature (f) de chaudière	арматура (f) котла armatura (f) della caldaia armadura (f) de caldera	8
Luftdruckzeiger (m), Manometer (n) pressure gauge manomètre (m)	манометръ (m) manometro (m) manómetro (m)	9
Manometerstutzen (m) pressure gauge fitting *or* connecting pipe tuyau (m) de raccord de manomètre	патрубокъ (m) манометра raccordo (m) del manometro tubo (m) de enlace del manómetro	10

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1	Sicherheitsventil (n) safety valve soupape (f) de sûreté	предохранительный клапанъ (m) valvola (f) di sicurezza válvula (f) de seguridad
2	federbelastetes Sicherheitsventil (n) spring loaded safety valve soupape (f) de sûreté à ressort	предохранительный клапанъ (m) съ пружинной нагрузкой; пружинный предохранительный клапанъ valvola (f) di sicurezza a molla válvula (f) de seguridad con resorte
3	gewichtbelastetes Sicherheitsventil (n) deadweight safety valve soupape (f) de sûreté à contrepoids *ou* à poids mort	предохранительный клапанъ (m) съ грузомъ valvola (f) di sicurezza a peso válvula (f) de seguridad por contrapeso
4	Schmelzpfropfen (m) [am Kessel] fusible plug bouchon (m) fusible	[легко]плавкая пробка (f) [у котла] tappo (m) fusibile tapón (m) fusible
5	Pfeife (f) whistle sifflet (m)	свистокъ (m) fischio (m) silbato (m)
6	Wasserstandzeiger (m) gauge glass, water gauge *or* gage (A) indicateur (m) de niveau	указатель (m) уровня воды indicatore (m) del livello d'acqua indicador (m) del nivel de agua
7	Strahlpumpe (f), Injektor (m) injector injecteur (m)	инжекторъ (m) iniettore (m) inyector (m)
8	Röhrenkondensator (m) tubular condenser condenseur (m) tubulaire	трубчатый конденсаторъ (m); трубчатый холодильникъ (m) condensatore (m) a tubi condensador (m) de tubos
9	Brennstoffpumpe (f) fuel pump pompe (f) à combustible (liquide)	насосъ (m) для подачи жидкаго топлива pompa (f) del combustibile bomba (f) para el combustible (líquido)

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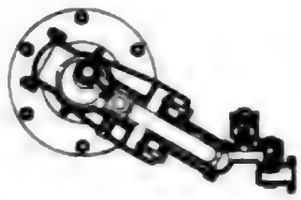
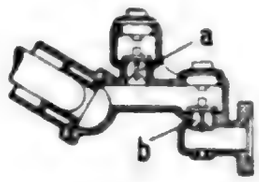
Regelung (f) durch Rückflußventil regulation by means of a non-return valve réglage (m) par valve (*ou* papillon) de retenue	регулировка (f) посредствомъ возвратнаго клапана regolamento (m) con valvola di ritegno regulación (f) por válvula de retroceso	*1*
Regelung (f) durch Hubveränderung regulation by altering the throw [of the pump] réglage (m) par variation de la course (de la pompe)	регулированіе (n) посредствомъ измѣненія хода regolamento (m) con variazione della corsa regulación (f) por variación de la carrera (de la bomba)	*2*
Speisepumpenantrieb (m) durch Nocken feed pump driving by means of a cam *or* tappet pompe(f) d'alimentation commandée par came	приводъ (m) питательнаго насоса посредствомъ кулака comando (m) della pompa d'alimentazione mediante eccentrico bomba (f) de alimentación accionada por levas	*3*
Speise[wasser]pumpe (f) feed pump, boiler feed pump pompe(f) d'alimentation de chaudière	питательный насосъ (m) [для воды] pompa (f) dell'acqua d'alimentazione bomba (f) de alimentación de caldera	*4*
Kolbenpumpe (f) bucket pump pompe (f) à piston	поршневой насосъ (m) pompa (f) a stantuffo bomba (f) de émbolo	*5*
Plungerpumpe (f) plunger pump pompe (f) à plongeur	насосъ (m) съ ныряломъ; скальчатый насосъ pompa (f) a stantuffo tuffante bomba(f)de émbolo buzo	*6*
Tauchkolben (m), Plunger (m) plunger [piston (m)] plongeur (m)	ныряло (n); скалка (f) stantuffo (m) tuffante émbolo (m) buzo	*7*
Druckventil (n) delivery valve valve (f) *ou* soupape (f) de refoulement	нагнетательный клапанъ (m) valvola (f) di compressione válvula (f) de impulsión	*8*
Saugventil (n) suction valve valve (f) d'aspiration, soupape (f) d'aspiration	всасывающій клапанъ (m) valvola (f) di aspirazione válvula (f) de aspiración	*9*
Flügelventil (n) wing valve valve (f) à ailettes, papillon (m)	крыльчатый клапанъ (m) valvola (f) a farfalla válvula (f) de aletas, [válvula (f) de] mariposa (f)	*10*





a

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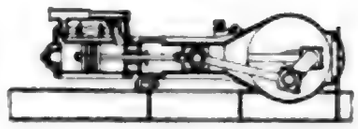
Dampfmaschine, Dampfmotor
1 **Steam Engine *or* Motor**
Machine *ou* moteur à vapeur

Паровая машина, паровой двигатель
Macchina *o* motore a vapore
Máquina *ó* motor de vapor

liegende Dampfmaschine (f)
2 horizontal steam engine
machine (f) à vapeur horizontale

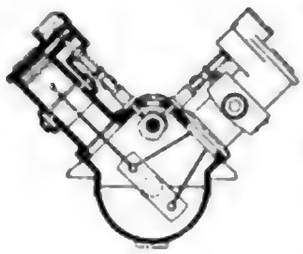


горизонтальная паровая машина (f)
macchina (f) a vapore orizzontale
máquina (f) de vapor horizontal

stehende Dampfmaschine (f)
3 vertical steam engine
machine (f) à vapeur verticale

вертикальная паровая машина (f)
macchina (f) a vapore verticale
máquina (f) de vapor vertical

V-förmiger Dampfmotor (m)
4 V-type steam motor
moteur (m) à vapeur en V *ou* à cylindres convergents



V-образный паровой двигатель (m)
motore (m) a vapore a V *od* a forca
máquina (f) de vapor en V *ó* de cilindros convergentes

einfach wirkende Dampfmaschine (f)
5 single acting engine
machine (f) à simple effet

паровая машина (f) простого дѣйствія
macchina (f) a vapore a semplice effetto
máquina (f) de simple efecto

doppelt wirkende Dampfmaschine (f)
6 double acting engine
machine (f) à double effet

паровая машина (f) двойного дѣйствія
macchina (f) a vapore a doppio effetto
máquina (f) de doble efecto

Auspuffmaschine (f)
atmospheric engine
7 machine (f) sans condensation *ou* à échappement libre

паровая машина (f) съ выпускомъ мятаго пара въ атмосферу [безъ конденсаціи]
macchina (f) a scappamento
máquina (f) de vapor con escape libre

Kondensationsdampfmaschine (f)
8 condensing engine
machine (f) à vapeur à condensation

паровая машина (f) съ конденсаціей *или* съ охлажденіемъ
macchina (f) a vapore a condensazione
máquina (f) de vapor con condensación

Mehrzylindermaschine (f)
9 multi-cylinder engine
machine (f) à cylindres multiples

многоцилиндровая паровая машина (f)
macchina (f) a vapore a più cilindri
máquina (f) de varios cilindros

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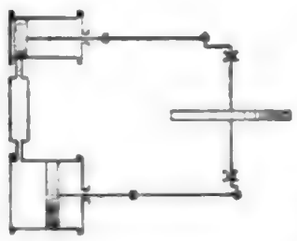
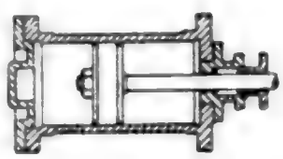
Zwillingsmaschine (f) twin engines, twin cylinder engine machine (f) à deux cylindres accouplés		сдвоенная паровая машина (f) macchina (f) a vapore gemella máquina (f) de dos cilindros gemelos	1
Zweifachexpansionsmaschine (f) double expansion engine, compound engine machine (f) compound *ou* à double expansion		паровая машина (f) двойного расширенія macchina (f) a vapore a doppia espansione máquina (f) compound ó de doble expansión	2
Verbundmaschine (f) compound engine machine (f) compound		паровая машина (f) компаундъ; машина (f) съ послѣдовательнымъ расширеніемъ macchina (f) compound máquina (f) compound	3
Dampfzylinder (m) steam cylinder cylindre (m) à vapeur		паровой цилиндръ (m) cilindro (m) a vapore cilindro (m) de vapor	4
Bohrung (f) bore, internal diameter alésage (m)		отверстіе (n); діаметръ (m) въ свѣту diametro (m) del cilindro, alesaggio (m) diámetro (m) interior	5
Hub (m) stroke course (f)		ходъ (m) corsa (f) carrera (f)	6
Hochdruckzylinder (m) high pressure cylinder cylindre (m) à haute pression		цилиндръ (m) высокаго давленія cilindro (m) ad alta pressione cilindro (m) de alta presión	7
Niederdruckzylinder(m) low pressure cylinder cylindre (m) à basse pression		цилиндръ (m) низкаго давленія cilindro (m) a bassa pressione cilindro (m) de baja presión	8
Zylinderdeckel (m) cylinder cover couvercle (m) *ou* fond (m) de cylindre		крышка (f) цилиндра coperchio (m) del cilindro tapa (f) ó fondo (m) del cilindro	9
Heizmantel (m) steam jacket chemise (f) de vapeur		паровая рубашка (f) camicia (f) di riscaldamento camisa (f) de vapor	10

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1	Dampfkanal (m) steam passage *or* port lumière (f)	паровой каналъ (m) canale (m) del vapore lumbrera (f)
2	schädlicher Raum (m) clearance espace (m) nuisible	вредное пространство spazio (m) nocivo [(n) espacio (m) nocivo *ó* muerto
3	Stopfbüchse (f) stuffing box, packing gland boîte (f) à étoupe *ou* à bourrage	сальникъ (m) premistoppa (m), premibaderne (m) caja (f) de estopas *ó* de guarnición
4	Kolbenstange (f) piston rod tige (f) de piston	поршневой штокъ (m) *или* стержень (m); поршневая скалка (f) biella (f) varilla (f) del émbolo
5	offen laufendes Triebwerk (n) motion *or* moving parts not enclosed commande (f) sans carter, mécanisme (m) à découvert	открытый передаточный механизмъ (m); приводной механизмъ безъ картера cavallino (m) non rinchiuso, meccanismo (m) coperto di comando mecanismo (m) de accionamiento sin carter *ó* al descubierto
6	eingekapseltes Triebwerk (n) enclosed moving parts *or* motion commande (f) avec carter	передаточный механизмъ (m), закрытый кожухомъ; приводный механизмъ съ картеромъ cavallino (m) rinchiuso in scatola, meccanismo (m) coperto di comando mecanismo (m) de mando con carter *ó* envoltura
7	Kreuzkopf (m) crosshead crosse (f) de piston	ползунъ (m); крейцкопфъ (m) testa (f) a croce cruceta (f) del émbolo
8	Geradführung (f) guides (pl) guidage (m) rectiligne	направляющій механизмъ (m); направляющія (f pl) guida (f) rettilinea guia (f) rectilinea
9	Kreuzkopfbahn (f) crosshead guide surface course (f) de la crosse de piston	скользящая поверхность (f) направляющихъ ползуна corsa (f) della testa a croce carrera (f) de la cruceta del émbolo
10	Kreuzkopfführung (f) crosshead guide guidage (m) de la crosse, glissières (f pl)	направляющія (f pl) ползуна guida (f) a croce guia (f) de la cruceta, resbaladeras (f pl)

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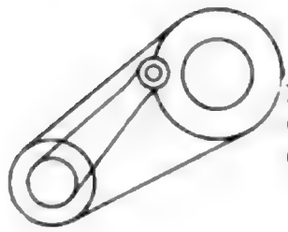
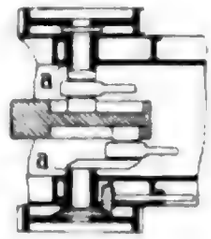
Gegenkurbel (f)
drag link, fly *or* return crank
contre-manivelle (f)



контръ-кривошипъ (m)
contro-manovella (f) *1*
contra-manivela (f)

Kurbellager (n)
crank shaft bearing
palier (m) de manivelle *ou* bielle



a

коренной подшипникъ (m)
sopporto (m) dell'albero della manovella *2*
soporte (m) de manivela *ó* biela

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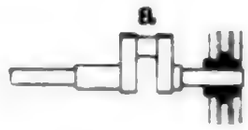
einfach gekröpfte Kurbel (f)
single throw crank shaft
arbre-manivelle (m) coudé simple



одноколѣнчатый *или* одноколѣнный валъ (m)
manovella (f) a un sol gomito *3*
árbol (m) cigüeñal de un codo

Kurbelkröpfung (f)
cranked portion of shaft
coude (m) d'arbre

a

колѣно (n) вала
gomito (m) della manovella *4*
codo (m) de árbol *ó* de cigüeñal

---

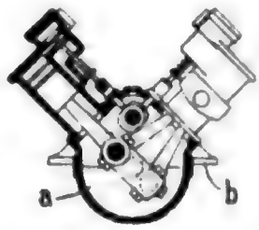
doppelt gekröpfte Kurbel (f)
two-throw crank shaft
arbre-manivelle (m) à double coude

двухколѣнчатый *или* двухколѣнный валъ (m)
manovella (f) a due gomiti *5*
árbol (m) cigüeñal de dos codos

Ölfilter (n)
oil filter
filtre (m) à huile

фильтръ (m) для масла
filtro (m) d'olio *6*
filtro (m) de aceite

Kurbelkammer (f)
crank chamber
carter (m) de manivelle



a

коробка (f) кривошипа; камера (f) кривошипа
camera (f) della manovella *7*
carter (m) de la manivela

Aufhängung (f) der Maschine
suspension of the engine
suspension (f) de la machine

подвѣска (f) машины
sospensione (f) della macchina *8*
suspensión (f) de la máquina

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1	Tragpratze (f) supporting lug *or* bracket support (m), patte (f)	b	лапа (f) для подвѣски; подвѣсная лапа sopporto (m) soporte (m), brazo (m)
2	Steuerung (f) valve gear distribution (f)		распредѣленіе (n) distribuzione (f) distribución (f)
3	Dampfsteuereinrichtung (f) arrangement of steam distribution distribution (f) de vapeur		устройство (n) паро-распредѣленія apparecchio (m) di distribuzione del vapore distribución (f) de vapor
4	Ventilsteuerung (f) valve gear distribution (f) à soupapes		клапанное распредѣленіе (n) distribuzione (f) a valvole distribución (f) por válvulas
5	Nockensteuerung (f) tappet *or* cam gear commande (f) par came		кулачное распредѣленіе (n) distribuzione (f) ad eccentrici mando (m) de leva
6	Exzentersteuerung (f) eccentric valve gear distribution (f) à commande par excentrique		распредѣленіе (n) отъ эксцентрика distribuzione (f) ad eccentrico distribución (f) dirigida por excéntrica
7	Exzenter (n) eccentric excentrique (m)		эксцентрикъ (m) eccentrico (m) excéntrica (f)
8	Schiebersteuerung (f) slide valve gear distribution (f) par tiroir		золотниковое распредѣленіе (n) distribuzione (f) a cassetto distribución (f) por tiroir *ó* caja
9	umsteuerbarer Schieber (m) reversible slide valve tiroir (m) réversible		золотникъ (m) съ реверсивнымъ ходомъ cassetto (m) reversibile distribuidor (m) reversible de caja
10	Dampfverteilung (f) steam distribution distribution (f) de vapeur		парораспредѣленіе (n) distribuzione (f) del vapore distribución (f) de vapor

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Füllungsänderung (f) alteration of cut off variation (f) de l'admission	измѣненіе (n) наполненія cambiamento (m) dell'alimentazione variación (f) de la admisión	1
achsrechte Verschiebung (f) axial displacement déplacement (m) axial, course (f) dirigée suivant l'axe	осевое перемѣщеніе (n); перемѣщеніе по оси spostamento (m) assiale traslación (f) en sentido del eje, desplazamiento (m) axial	2
Umsteuerung (f) reversing changement (m) *ou* renversement (m) de marche	перемѣна (f) хода inversione (f) del moto *o* della marcia cambio (m) *ó* inversión (f) de la marcha	3
Umsteuerung (f) durch doppelte Nocken reversal by means of double cams renversement (m) de marche par doubles cames	перемѣна (f) хода посредствомъ двойного кулака inversione (f) del moto mediante eccentrici doppi cambio (m) de marcha por doble leva	4
Umsteuerung (f) durch Kulissen *oder* Schwingen reversal by means of link motion renversement (m) de marche par coulisse	перемѣна (f) хода посредствомъ распредѣленія кулиссами inversione (f) del moto mediante distribuzione a glifo cambio (m) de marcha por corredera	5
Anfahrvorrichtung (f) starting gear appareil (m) *ou* mécanisme (m) *ou* dispositif (m) de démarrage	приспособленіе (n) для пусканія въ ходъ *или* для трогания съ мѣста meccanismo (m) d'incamminamento mecanismo (m) *ó* disposición (f) de arranque	6
Ventilmaschine (f) stop valve engine machine (f) à soupape	паровая машина (f) съ клапаннымъ парораспредѣленіемъ macchina (f) a valvole máquina (f) con distribución por válvulas	7
Flachschiebermaschine (f) slide valve engine machine (f) à distribution par tiroirs plans	паровая машина (f) съ плоскимъ золотникомъ macchina (f) a cassetto piano máquina (f) con distribución por cajas *ó* tiroirs	8

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паровая машина (f) съ цилиндрическимъ золотникомъ; паровая машина съ круглымъ золотникомъ
macchina (f) a cassetto a stantuffo
máquina (f) con válvula cilíndrica de distribución

1 Kolbenschiebermaschine (f), Rundschiebermaschine (f)
piston valve engine
machine (f) à tiroir cylindrique

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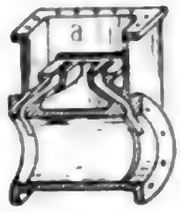
2 Schieberkasten (m)
slide valve chest, steam chest
boite (f) de tiroir



a

золотниковая коробка (f)
cassetto (m)
caja (f) del distribuidor

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VI.

Ausrüstung der Elektromobile

Engine Equipment of Electromobiles

Équipement des électromobiles

Оборудованіе электромобилей

Corredamento meccanico degli elettromobili

Equipo de los electromóviles

Elektromobil (n) electromobile, electric motor [car] électromobile (m)	электромобиль (m) elettromobile (m) electromóvil (m)	1
Sammlerwagen (m), Akkumulatorenwagen (m) accumulator [driven] car, storage battery car (A) voiture (f) à accumulateurs	коляска (f) съ аккумуляторной тягой; аккумобиль (m) vettura (f) ad accumulatori elettrici coche (m) con acumuladores	2
Akkumulatorenbetrieb (m) accumulator drive service (m) avec accumulateurs	аккумуляторная тяга (f) funzionamento (m) ad accumulatori elettrici servizio (m) con acumuladores	3
Schaltung (f) connections, wiring connexions (f pl), couplage (m)	соединеніе (n); включеніе (n) connessione (f) conexiones (f pl), acoplamiento (m)	4
Schaltungsschema (n) diagram of connections, wiring diagram (A) schéma (m) des connexions	схема (f) соединенія schema (m) di connessione esquema (m) de las conexiones	5
Stromverbrauch (m) current consumption consommation (f) de courant	потребленіе (n) *или* расходъ (m) тока consumo (m) di corrente consumo (m) de corriente	6

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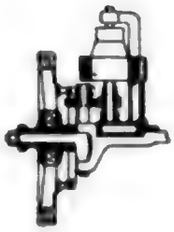
1 Fahrwiderstand (m)
rolling *or* running resistance
résistance (f) au roulement

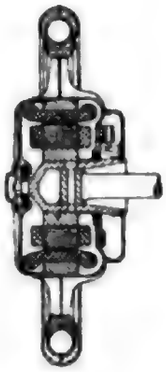
сопротивленіе (n) движенію
resistenza (f) alla marcia
resistencia (f) al rodamiento

2 Vorderradantrieb (m), Lenkradantrieb (m)
steering *or* front wheel drive
commande (f) de l'essieu d'avant



приводъ (m) передняго колеса; приводъ съ передачей на ведущія колёса
comando (m) sulle ruote anteriori *o* direttrici
accionamiento (m) del eje delantero

3 Vorderradmotor (m)
front wheel motor
moteur (m) attaquant [directement] l'essieu d'avant



двигатель (m) переднихъ колёсъ
motore (m) applicato alle ruote anteriori
motor (m) que actúa sobre el eje delantero

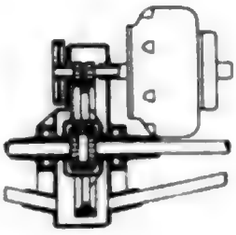
4 Elektromobil (n) mit Hinterradantrieb
electric car with rear wheel drive
voiture (f) à accumulateurs avec attaque de l'essieu d'arrière

электромобиль (m) съ передачей на заднія колеса
elettromobile (m) con comando alle ruote posteriori
electromóvil (m) con accionamiento directo del eje trasero

5 Einmotorensystem (n)
single motor system
système (m) à un moteur

система (f) съ однимъ двигателемъ; одномоторная система
sistema (m) a motore unico
sistema (m) con un solo motor

6 Antrieb (m) durch einen Motor und Differentialachse
drive by means of one motor and differential gear
commande (f) à un moteur avec essieu différentiel



приводъ (m) посредствомъ одного двигателя и дифференціала
comando (m) con motore ed asse differenziale
movimiento (m) por un motor con eje diferencial

7 Zweimotorensystem (n)
two motor system
système (m) par deux moteurs

система (f) съ двумя двигателями; двумоторная система
sistema (m) a due motori
sistema (m) con dos motores

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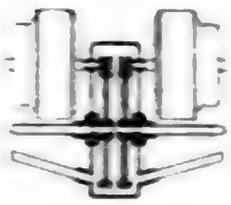
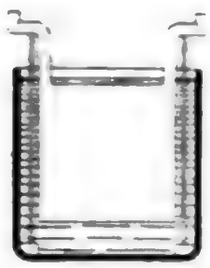
Zweimotorenantrieb (m) mit geteilter Hinterachse
drive by means of two motors with divided rear axle
commande (f) par deux moteurs avec essieu arrière divisé



приводъ (m) двумя двигателями съ раздѣльной задней осью
comando (m) a due motori con sala posteriore divisa *1*
movimiento (m) por dos motores con eje posterior dividido

Zweimotorenantrieb (m) mit fester Hinterachse
drive by means of two motors with fixed rear axle
commande (f) par deux moteurs avec essieu arrière fixe

приводъ (m) двумя двигателями съ неподвижной задней осью
comando (m) a due motori con sala posteriore fissa *2*
movimiento (m) por dos motores con eje posterior fijo



Sammler, Akkumulator
Accumulator, Storage Battery
Accumulateur

Аккумуляторъ
Accumulatore elettrico *3*
Acumulador

Bleiakkumulator (m)
lead (plate) accumulator
accumulateur (m) au plomb

свинцовый аккумуляторъ (m); аккумуляторъ со свинцовыми пластинками
accumulatore (m) a piombo *4*
acumulador (m) de plomo

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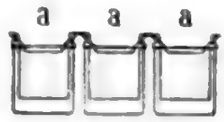
alkalischer Akkumulator (m)
alkaline accumulator *or* storage battery
accumulateur (m) à électrolyte alcalin

щелочной аккумуляторъ (m)
accumulatore (m) alcalino *5*
acumulador (m) con electrolito alcalino

Nickel-Eisen-Akkumulator (m)
nickel-iron storage battery
accumulateur (m) au ferro-nickel

никкелево-желѣзный аккумуляторъ (m); аккумуляторъ Эдиссона
accumulatore (m) al nickel e ferro *6*
acumulador (m) de ferro-niquel

Zelle (f), Sammlerzelle (f), Akkumulatorenzelle (f)
storage battery cell
élément (m) de batterie d'accumulateurs



элементъ (m) аккумулятора
elemento (m) di batteria d'accumulatori *7*
elemento (m) de una bateria de acumuladores

Akkumulatorgefäß (n)
accumulator vessel *or* jar *or* box *or* can
récipient (m) *ou* boîte (f) d'accumulateur

a

сосудъ (m) аккумулятора
recipiente (m) dell'accumulatore *8*
recipiente (m) *ó* vaso (m) de acumulador

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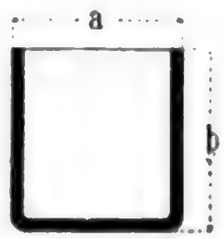
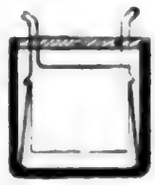
1 Akkumulatorglas (n) glass accumulator jar récipient (m) d'accumulateur en verre		стекляный сосудъ (m) аккумулятора vaso (m) dell'accumulatore vaso (m) de vidrio para acumulador
2 Hartgummiakkumulatorgefäß (n) ebonite box for accumulator boite (f) en ébonite pour accumulateurs		сосудъ (m) для аккумулятора изъ рогового каучука; эбонитовый аккумуляторный сосудъ recipiente (m) in ebonite per accumulatore caja (f) de ebonita para acumulador
3 Außenmaße (n pl) der Zelle external dimensions (pl) of the cell dimensions (f pl) extérieures d'un accumulateur	 a, b	внѣшніе размѣры (m pl) элемента dimensioni (f pl) esterne dell'elemento dimensiones (f pl) exteriores de un acumulador
4 Zellengewicht (n) weight of the zell poids (m) d'un accumulateur		вѣсъ (m) элемента peso (m) dell'elemento peso (m) de un acumulador
5 offene Zelle (f) open cell accumulateur (m) ouvert		открытый элементъ (m) elemento (m) aperto acumulador (m) abierto
6 verdeckte Zelle (f) covered cell accumulateur (m) à couvercle		закрытый элементъ (m) elemento (m) coperto acumulador (m) con tapa ó cubierta
7 Akkumulatorplatte (f), Akkumulatorelektrode (f) [accumulator] plate *or* electrode, grid (A) plaque (f) *ou* électrode (f) d'accumulateur		аккумуляторная пластина (f); аккумуляторный электродъ (m) placca (f) *o* piastra (f) *o* elettrodo (m) dell'accumulatore placa (f) ó electrodo (m) de acumulador
8 Plattengewicht (n) weight of the plate poids (m) d'une plaque		вѣсъ (m) пластины peso (m) della placca *o* della piastra peso (m) de una placa
9 Akkumulator (m) für Schnellentladung accumulator suitable for rapid discharge accumulateur (m) pour décharge rapide		аккумуляторъ (m) для быстраго разряженія accumulatore (m) a scarica rapida acumulador (m) de descarga rápida

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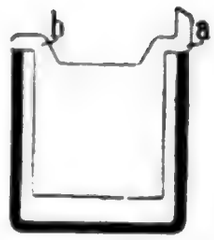
Lebensdauer (f) der Platten
life of the plates
durée (f) d'une plaque

продолжительность (f) службы пластинъ
durata (f) delle placche *1*
duración (f) de una placa

Plattenfahne (f)
lug of the plates
patte (f) d'attache de plaque, queue (f) de plaque



a, b

язычокъ (m) *или* отростокъ (m) пластины
aletta (f) d'accumulatore *2*
patilla (f) *ó* lengüeta (f) de placa

---

stromführende Fahne (f)
current carrying lug
patte (f) [servant] de prise de courant

a

токопроводящій язычокъ (m); токопроводящій отростокъ (m)
aletta (f) di presa di corrente *3*
lengüeta (f) para toma de corriente

Plattenkurzschluß (m)
short-circuit of the plates
court-circuit (m) des plaques

короткое замыканіе (n) между пластинами
corto-circuito (m) delle placche *4*
corto-circuito (m) entre las placas

---

gewellte Hartgummizwischenwand (f)
corrugated hard rubber insulator *or* distance piece
cloison (f) ondulée en ébonite

волнистая промежуточная стѣнка (f) изъ рогового каучука; волнистая эбонитовая перегородка (f)
parete (f) intermedia isolante in ebonite ondulata *5*
tabique (m) de ebonita ondulado

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gelochte *oder* perforierte Hartgummizwischenwand (f)
perforated hard rubber insulator *or* distance piece
cloison (f) isolante perforée en ébonite

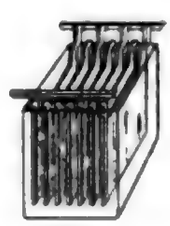
дырчатая промежуточная стѣнка (f) изъ рогового каучука; продыравленная эбонитовая перегородка (f)
parete (f) intermedia isolante in ebonite perforata *6*
tabique (m) *ó* divisorio (m) aislador de ebonita perforado

---

sich krümmen (v), sich werfen (v)
to buckle, to warp
se déformer (v), se gondoler (v)

коробиться; изгибаться
deformarsi (v)
deformarse (v), alabearse (v), abarquillarse (v) *7*

Plattensystem (n)
system *or* arrangement of plates
bloc (m) de plaques, ensemble (m) des plaques



комплектъ (m) пластинъ
blocco (m) di placche *8*
bloque (m) de placas

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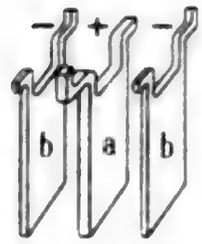
1 positive Platte (f) positive plate plaque (f) positive	 a	положительная пластина (f) piastra (f) *o* placca (f) positiva placa (f) positiva
2 negative Platte (f) negative plate plaque (f) négative	b	отрицательная пластина (f) piastra (f) *o* placca (f) negativa placa (f) negativa
3 positiver Pol (m) positive pole pôle (m) positif		положительный полюсъ (m) polo (m) positivo polo (m) positivo
4 negativer Pol (m) negative pole pôle (m) négatif		отрицательный полюсъ (m) polo (m) negativo polo (m) negativo
5 Polklemme (f) [pole] terminal borne (f) polaire *ou* de pôle		полюсный зажимъ (m) morsetto (m) del polo borne (m) de polo, terminal (m)
6 Klemmschraube (f) terminal screw, binding screw vis (f) de serrage		зажимъ (m) съ винтомъ; клемма (f) vite (f) del morsetto tornillo (m) de aprieto *ó* de sujeción
7 füllen (v) to fill remplir (v)		наполнять riempire (v) llenar (v)
8 Füllsäure (f), Akkumulatorsäure (f) acid acide (m), électrolyte (m) (pour accumulateurs)	a	аккумуляторная кислота (f); кислота для аккумуляторовъ acido (m) per accumulatori acido (m) *ó* electrólito (m) para acumuladores
9 Elektrolyt (m) electrolyte électrolyte (m)		электролитъ (m) elettrolito (m) electrólito (m)
10 [Einfüll-]Trichter (m) funnel entonnoir (m) de remplissage		воронка (f) imbuto (m) di riempimento embudo (m) para rellenar

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nachfüllen (v)
to fill up
remplir (v) (pour compléter le remplissage)

доли-ть (-вать)
riempire (v), fare (v) il pieno
rellenar (v)
1

Säurekrug (m), Nachfüllkrug (m)
beaker (for acid)
bidon (m) à acide, cruche (f) pour le remplissage

кружка (f) для кислоты
brocca (f) per acido
bidón (m) de ácido, bombona (f) para rellenar
2

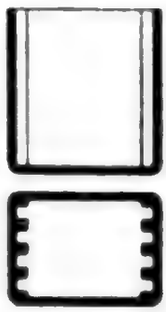
Schwefelsäure (f)
sulphuric acid
acide (m) sulfurique

сѣрная кислота (f)
acido (m) solforico
ácido (m) sulfúrico
3

Glasgefäß (n)
glass vessel
bac (m) *ou* récipient (m) en verre

стекляный сосудъ (m)
recipiente (m) di vetro, damigiana (f)
recipiente (m) *ó* vaso (m) de vidrio
4

Akkumulator[en]glas (n) mit Führungsnuten für die Platten
glass accumulator jar *or* box with guide grooves for the plates
cloison (f) en verre d'accumulateur à rainures de guidage pour les plaques



аккумуляторный стекляный сосудъ (m) съ направляющими канавками для пластинъ
vaso (m) di vetro per accumulatori con scanalature per le piastre
recipiente (m) de vidrio para acumuladores con ranuras para guiar las placas
5

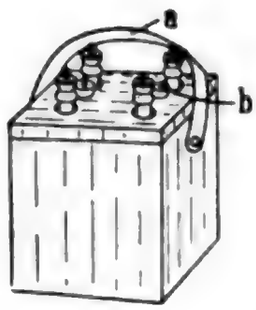
Hartgummikasten (m)
hard rubber box
bac (m) en ébonite

ящикъ (m) изъ рогового каучука; эбонитовый ящикъ
cassetta (f) di ebonite
recipiente (m) de ebonita
6

Zelluloidkasten (m)
celluloid box
bac (m) en celluloïd[e]

целлюлоидный ящикъ (m)
cassetta (f) di celluloide
recipiente (m) de celuloide
7

Zündakkumulator (m) in Blechschutzkasten
ignition accumulator in sheet iron box *or* case
accumulateur (m) d'allumage à boîte en tôle



аккумуляторъ (m) для зажиганія *или* запальный аккумуляторъ въ предохранительномъ жестяномъ ящикѣ
accumulatore (m) per accensione a scatola di protezione in lamiera
acumulador (m) de encendido con caja protectora de chapa
8

Lederhenkel (m)
leather handle
courroie (f) de suspension *ou* anse (f) en cuir

a

ременная ручка (f)
maniglia (f) di cuoio
asa (f) de cuero
9

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Einfülloch (n)
1 filling hole
trou (m) de remplissage

отверстіе (n) для наполненія
foro (m) di riempimento
abertura (f) de relleno

Gummipfropfen (m)
2 rubber plug
bouchon (m) en caoutchouc

b

резиновая пробка (f)
tappo (m) di gomma
tapón (m) de caucho

Doppelzelle (f)
3 double cell
élément (m) double

двойной элементъ (m)
elemento (m) doppio
elemento (m) doble

---

konzentrierte Säure (f)
4 concentrated acid
acide (m) concentré

концентрированная *или* крѣпкая кислота (f)
acido (m) concentrato
ácido (m) concentrado

Säuredämpfe (m pl)
5 acid vapour *or* fumes
vapeurs (f pl) d'acide

кислотные пары (m pl)
vapori (m pl) degli acidi
vapores (m pl) de ácido

Säuregehalt (m)
6 percentage *or* proportion of acid
proportion (f) d'acide

содержаніе (n) кислоты
contenuto (m) d'acido
proporción (f) de ácido

Säuredichte (f)
7 density of acid
densité (f) de l'acide

плотность (f) кислоты
densità (f) dell'acido
densidad (f) del ácido

Säureheber (m), Pipette (f)
8 syringe
seringue (f) à acide, pipette (f)

кислотный сифонъ (m); сифонъ для переливанія кислоты; пипетка (f)
innalzatore (m) d'acido
jeringa (f) para ácido, pipeta (f)

Säureprüfung (f), Säureuntersuchung (f)
9 testing the acid, acid test
essai (m) de l'acide

изслѣдованіе (n) *или* испытаніе (n) кислоты
verifica (f) *o* analisi (f) dell'acido
ensayo (m) del ácido

Säuremesser (m), Säureprüfer (m)
10 acidometer, hydrometer
pèse-acide (m), densimètre (m)

кислотомѣръ (m); ацидометръ (m)
densimetro (m), areometro (m), pesa-acidi (m)
acidómetro (m), pesa-ácidos (m)

Hebersäuremesser (m)
11 hydrometer syringe
pèse-acide (m)

сифонный кислотомѣръ (m)
pesa-acidi (m)
acidómetro (m), pesa-ácido (m)

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Überkriechen (n) der Säure
creeping of the acid
ascension (f) capillaire de l'acide

переползаніе (n) кислоты
ascensione (f) capillare dell'acido
ascensión (f) capilar del ácido
1

Verdunstung (f) *oder* Verflüchtigung (f) der Säure
vaporization *or* evaporation of the acid
évaporation (f) de l'acide

улетучиваніе (n) *или* испареніе (n) кислоты
evaporazione (f) dell'acido
evaporación (f) del ácido
2

Konzentration (f) der Säure
concentration *or* density of the acid
concentration (f) de l'acide

концентрація (f) *или* сгущеніе (n) кислоты
concentrazione (f) dell'acido
concentración (f) del ácido
3

---

spezifisches Gewicht (n)
specific weight
poids (m) spécifique

удѣльный вѣсъ (m)
peso (m) specifico (dell'acido)
peso (m) especifico
4

Regenwasser (n)
rain water
eau (f) de pluie *ou* de citerne

дождевая вода (f)
acqua (f) piovana
agua (f) de lluvia *ó* de cisterna
5

---

destilliertes Wasser (n)
distilled water
eau (f) distillée

дистиллированная *или* перегнанная вода (f)
acqua (f) distillata
agua (f) destilada
6

Aräometer (n), Senkwage (f)
densimeter
aréomètre (m)

ареометръ (m); гидрометръ (m); волчокъ (m)
areometro (m)
areómetro (m)
7

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die Säure verstärken (v)
to strengthen the solution
augmenter (v) la concentration de l'acide

сгустить *или* сконцентрировать кислоту
aumentare (v) l'energia dell'acido
aumentar (v) la concentración del ácido
8

---

die Säure verdünnen (v)
to dilute the solution
diluer (v) la solution acide

разбав-ить (-лять) кислоту
indebolire (v) *o* allungare (v) l'acido
diluir (v) la solución ácida
9

Batteriespannung (f)
voltage of the battery
tension (f) *ou* voltage (m) de la batterie

напряженіе (n) батареи
tensione (f) della batteria
tensión (f) *ó* potencial (m) de la batería
10

Anfangspannung (f)
initial voltage
voltage (m) initial, tension (f) initiale

начальное напряженіе (n)
tensione (f) iniziale
tensión (f) inicial
11

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1	Endspannung (f) final voltage tension (f) finale, voltage (m) final	конечное напряженіе (n) tensione (f) finale tensión (f) final
2	Spannungsabfall (m), Spannungsverlust (m) drop *or* loss in voltage chute (f) de tension *ou* voltage	паденіе (n) напряженія; потеря (f) вольтъ diminuzione (f) di tensione, perdita (f) di volts caída (f) de tensión
3	Betriebspannung (f) working voltage, operating potencial (A) tension (f) de service, voltage (m) de régime	рабочее напряженіе (n) tensione (f) di funzionamento tensión (f) de régimen
4	Nutzspannung (f) useful voltage tension (f) *ou* voltage (m) utile	полезное напряженіе (n) tensione (f) utile tensión (f) útil
5	Erholen (n) des Akkumulators recovery of the accumulator renouvellement (m) *ou* régénération (f) de l'accumulateur, recharge (m) de l'accumulateur	возстановленіе (n) аккумулятора ricupero (m) degli accumulatori regeneración (f) del accumulador, recarga (f) del acumulador
6	Aufspeicherungsvermögen (n), Kapazität (f) des Akkumulators capacity of the storage battery capacité (f) de l'accumulateur	ёмкость (f) аккумулятора capacità (f) dell'accumulatore capacidad (f) del acumulador
7	Wirkungsgrad (m) *oder* Nutzeffekt (m) des Akkumulators efficiency of the storage battery effet (m) utile *ou* rendement (m) de l'accumulateur	коеффиціентъ (m) полезнаго дѣйствія аккумулятора grado (m) di rendimento *od* effetto (m) utile *o* rapporto (m) di bontà dell'accumulatore rendimiento (m) ó efecto (m) útil del acumulador
8	Amperestunde (f) ampere hour ampère-heure (m)	амперъ-часъ (m) ampère-ora (f) amperio-hora (m)
9	Wattstunde (f) watt hour watt-heure (m)	ваттъ-часъ (m) watt-ora (f) vatio-hora (m)
10	innerer Widerstand (m) internal resistance résistance (f) interne	внутреннее сопротивленіе (n) resistenza (f) interna resistencia (f) interna
11	Superoxydschlamm (m) peroxide sediment dépôt (m) de péroxyde	осадокъ (m) изъ перекиси deposito (m) di perossido sedimento (m) de peróxido

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Bedienungsvorschriften (f pl), Behandlungsvorschriften (f pl) instruction for the treatment of storage batteries instructions (f pl) relatives à la conduite des accumulateurs	правила (n pl) ухода [за аккумуляторами] istruzioni (f pl) per la manutenzione degli accumulatori instrucciones (f pl) para el servicio y la conservación de los acumuladores	1
Instandhaltungsvertrag (m) agreement of maintenance of accumulators contrat (m) pour l'entretien (des accumulateurs)	договоръ (m) о содержаніи въ исправности contratto (m) per la manutenzione degli accumulatori contrato (m) para la conservación (de los acumuladores)	2
Versicherungsprämie (f) insurance premium prime (f) d'assurance	страховая премія (f) premio (m) d'assicurazione prima (f) de seguro	3
Pauschalsumme (f) lump sum forfait (m)	оптовая сумма (f) forfait (m) tanto (m) alzado, destajo (m)	4
Polsuchpapier (n), [Pol-]Reagenzpapier (n) pole finding paper papier (m) à réactif (pour trouver les pôles)	полюсная бумага (f) carta (f) reagente per poli, carta (f) di tornasole papel (m) reactivo de buscapolos	5
einen Akkumulator laden (v) to charge a storage battery charger (v) un accumulateur	заря-дить (-жать) аккумуляторъ caricare (v) un accumulatore cargar (v) un acumulador	6
überladen (v) to overcharge surcharger (v)	перезаря-дить (-жать) sopraccaricare (v) sobrecargar (v)	7
Ladestation (f) charging station poste (m) *ou* station (f) de charge	станція (f) для зарядки stazione (f) di carica estación (f) de carga	8
Ladungszustand (m) state of charge état (m) de charge	состояніе (n) зарядки stato (m) della carica estado (m) de carga	9
Gegenspannung (f) der Batterie beim Laden back pressure of the battery during charging contre-tension (f) de la batterie pendant la charge	противодѣйствующее напряженіе (n) батареи при зарядкѣ contro-tensione (f) della batteria durante la carica contra-tensión (f) de la bateria durante la carga	10

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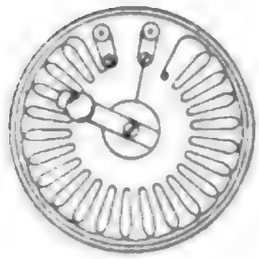


Ladewiderstand (m)
charging resistance
1 résistance (f) *ou* rhéostat (m) pour le chargement

зарядное сопротивленіе (n); зарядной реостатъ (m)
resistenza (f) alla carica
resistencia (f) *o* reostato (m) para la carga

Ladespannung (f)
charging voltage
2 tension (f) *ou* voltage (m) de charge

напряженіе (n) при зарядкѣ
tensione (f) della carica
tensión (f) *ó* voltaje (m) de carga

Klemmenspannung (f)
3 terminal voltage
tension (f) aux bornes

напряженіе(n) на зажимахъ
tensione (f) ai morsetti
tensión (f) en los bornes *ó* terminales

Zellenspannung (f)
cell pressure *or* voltage
4 tension (f) *ou* voltage (m) d'un élément

напряженіе (n) аккумуляторнаго элемента
tensione (f) d'un elemento
tensión (f) de un elemento

Ladestrom (m)
5 charging current
courant (m) de charge

зарядный токъ (m)
corrente (f) di carica
corriente (f) de carga

Ladestromstärke (f)
strength of charging
6 current
intensité (f) du courant de charge

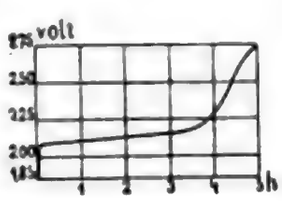
сила (f) заряднаго тока
intensità (f) di corrente di carica
intensidad (f) de la corriente de carga

Ladeschaltung (f)
charging connections
7 connexions (f pl) *ou* couplage (m) pour la charge

схема(f) соединеній при зарядкѣ
distribuzione(f) di carica
conexiones (f pl) para la carga

Ladedauer (f), Ladezeit (f)
8 duration of charge
durée (f) de la charge

продолжительность (f) *или* время(n) зарядки
durata (f) della carica
duración (f) de la carga



Ladekurve (f)
9 charging curve
courbe (f) de charge

кривая (f) заряда
curva (f) di carica
curva (f) de carga

Gasentwicklung (f)
10 generation of gas
production (f) de gaz

выдѣленіе (n) газа; газообразованіе (n); кипѣніе (n)
formazione (f) *o* sviluppo (m) di gas
producción (f) de gases

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gasen (v), kochen (v)
to gas, to froth, to be-
11 come milky
produire (v) des gaz, bouillonner (v)

кипѣть: выдѣлять газъ
bollire (v) (dell'acido), formarsi (v) del gas
hervir (v)

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Gasblase (f) gas bubble bulle (f) de gas	пузырёкъ (m) газа bolla (f) di gas burbuja (f) de gas	1
entladen (v) to discharge décharger (v)	разря-дить (-жать) scaricare (v) descargar (v)	2
Entladung (f) discharge décharge (f)	разрядъ (m); разрядка (f); разряженіе (n) scarica (f) descarga (f)	3
Schnellentladung (f) rapid discharge décharge (f) rapide	быстрая разрядка (f) scarica (f) rapida descarga (f) rápida	4
intermittierende Entladung (f), stoßweise Entladung (f) intermittent *or* interrupted discharge décharge (f) intermittente	разрядка (f) съ перерывами scarica (f) intermittente *od* interrotta descarga (f) intermitente	5
Selbstentladung (f) self-discharge décharge (f) spontanée	саморазряженіе (n) scarica (f) spontanea descarga (f) espontánea	6
gekrümmte Platten (f pl) buckled plates plaques (f pl) gondolées	покоробившіяся пластины (f pl) piastre (f pl) *o* placche (f pl) incurvate placas (f pl) encorvadas *ó* alabeadas	7
herausgefallene Masse (f) paste fallen out of the plate dépôt (m) de matière active	выпавшая масса (f) massa (f) attiva staccatasi *o* caduta depósito (m) *ó* sedimento (m) de materia activa	8
Widerstandfähigkeit (f) gegen mechanische Erschütterungen resistivity to mechanical shocks résistance (f) aux trépidations *ou* secousses	сопротивленіе (n) механическимъ сотрясеніямъ resistenza (f) alle scosse meccaniche resistencia (f) á las trepidaciones	9
Entladestromstärke (f) strength of discharging current intensité (f) [du courant] de décharge	сила (f) разряднаго тока intensità (f) della corrente di scarica intensidad (f) de [la corriente de] descarga	10
[Entlade-]Stromstoß (m) rush of current [during discharge] décharge (f) brusque, coup (m) de courant	толчокъ (m) (разряднаго) тока colpo (m) della corrente [di scarica] descarga (f) brusca	11

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1 zu stark entladen (v), „auspumpen" (v)
to overdischarge, to run down
décharger (v) jusqu'à épuisement

переразря-дить (-жать)
scaricare (v) all'eccesso
descargar (v) con exceso

---

2 Entladedauer (f), Entladezeit (f)
duration of discharge
durée (f) de la décharge

продолжительность (f) *или* время (n) разрядки
durata (f) della scarica
duración (f) de la descarga

---

3 Belastung (f) der Batterie, Entladebelastung (f)
discharge load
travail (m) de la batterie à la décharge

нагрузка (f) батареи; разрядная нагрузка
tensione (f) *o* carica (f) della batteria, rendimento (m) della scarica
trabajo (m) de la bateria durante la descarga

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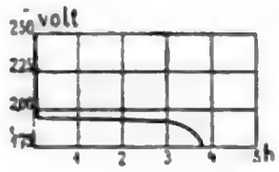
4 Entladekurve (f)
discharge curve
courbe (f) de décharge



кривая (f) разрядки
curva (f) di scarica
curva (f) de descarga

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5 Formierungsvorgang (m), Formierungsprozeß (m)
forming process
marche (f) de la formation

формовочный процессъ (m); процессъ форм[ир]ованія
processo (m) di formazione
proceso (m) de la formación

---

6 formieren (v)
to form
former (v)

формовать; формировать
formare (v)
formar (v)

---

7 Wagenbatterie (f), Traktionsbatterie (f)
traction battery
batterie (f) pour voiture, batterie (f) pour traction

батарея (f) [для] коляски; батарея для тяги
batteria (f) d'elettromobile, batteria (f) di trazione
bateria (f) para coche, bateria (f) para tracción

---

8 Wagenakkumulator (m), Traktionsakkumulator (m)
traction storage battery
accumulateur (m) pour voiture *ou* traction

аккумуляторъ (m) [для] коляски; аккумуляторъ (m) для тяги
accumulatore (m) di trazione
acumulador (m) para coche *ó* para tracción

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9 erschütterungsfest (adj), stoßfest (adj)
vibration *or* shock proof (adj)
résistant (adj) aux secousses

стойкій противъ сотрясеній *или* противъ толчковъ
riparato (agg) dalle scosse
resistente (adj) á las sacudidas *ó* á los choques

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Pufferbatterie (f) buffer battery batterie-tampon (f)	буферная батарея (f) batteria (f) a respingente batería (f) de compensación *ó* reguladora	1
unterteilte Batterie (f) subdivided battery batterie (f) subdivisée	подраздѣлённая батарея (f) batteria (f) divisa batería (f) subdividida	2
Batteriekasten (m), Batterietrog (m) battery box caisse (f) de batterie	батарейный ящикъ (m) cassa (f) della batteria caja (f) de la batería	3
Batteriekastenbeschlag (m) fittings (pl) of battery box garniture (f) des caisses de la batterie	обивка (f) батарейнаго ящика guarnitura (f) della cassa degli accumulatori guarnición (f) de las cajas de la batería	4
säurebeständiger Anstrich (m) acid resisting paint *or* composition vernis (m) *ou* composition (f) qui résiste aux acides	кислотоупорная окраска (f) vernice (f) resistente agli acidi barniz (m) *ó* composición (f) que resiste á la acción de los ácidos	5
säurebeständig (adj), säurefest (adj) acid resisting *or* proof résistant (adj) aux acides	кислотоупорный resistente (agg) agli acidi resistente (adj) á los ácidos	6
säurefester Lack (m) acid resisting varnish vernis (m) résistant aux acides	кислотоупорный лакъ (m) vernice (f) *o* lacca (f) resistente agli acidi barniz (m) resistente á los ácidos	7
Batteriesteckdose (f) connecting plug and socket for battery contact (m) *ou* prise (f) de courant à bouchon pour batterie	батарейная штепсельная розетка (f) scatola (f) di presa di corrente della batteria contacto (m) *ó* toma (f) de corriente de tapón para batería	8
die Batterie auswechseln (v) to change the battery changer (v) la batterie	перемѣнить батарею cambiare (v) la batteria cambiar (v) la batería	9

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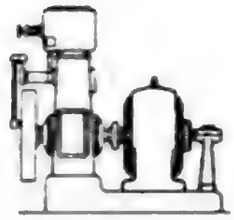
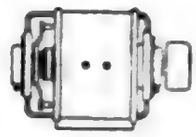
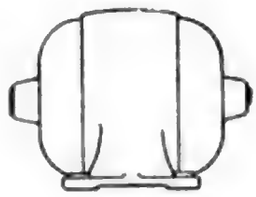
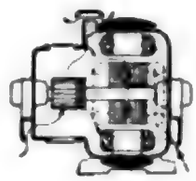
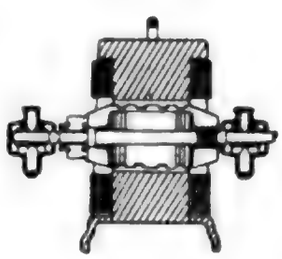
1	**Generator, Stromerzeuger** **Generator, Dynamo** **Générateur**		**Генераторъ; источникъ тока** **Generatore di corrente** **Generador de corriente**
2	Elektromotor (m) electromotor électromoteur (m), moteur (m) électrique		электродвигатель (m); электрическій двигатель (m); электромоторъ (m) motore (m) elettrico, elettromotore (m) electromotor (m), motor (m) eléctrico
3	geschlossener *oder* gekapselter Motor (m) covered *or* enclosed motor moteur (m) cuirassé		закрытый двигатель (m) motore (m) racchiuso in scatola, motore (m) chiuso motor (m) acorazado
4	ventiliert gekapselter Motor (m) ventilated enclosed motor moteur (m) cuirassé ventilé		закрытый двигатель (m) съ вентиляціей motore (m) racchiuso in scatola ventilata motor (m) acorazado y ventilado
5	wasserdicht gekapselter Motor (m) watertight enclosed motor moteur (m) à enveloppe étanche		двигатель (m) съ водонепроницаемымъ кожухомъ motore (m) racchiuso in scatola impermeabile motor (m) con envolvente impermeable
6	Motor (m) mit Vorgelege motor with gearing moteur (m) avec transmission		двигатель (m) съ приводомъ motore (m) con rinvio motor (m) con transmisión
7	Doppelmotor (m) double motor moteur (m) double		двойной двигатель (m) motore (m) doppio motor (m) doble
8	Gleichstrommotor (m) continuous current motor moteur (m) à courant continu		двигатель (m) постояннаго тока motore (m) a corrente continua motor (m) de corriente continua
9	Nebenschlußmotor (m) shunt wound motor moteur (m) excité en dérivation		шунтовой двигатель (m) motore (m) shunt, motore (m) con eccitamento in derivazione motor (m) excitado en derivación

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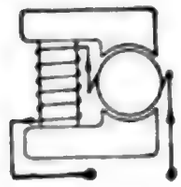
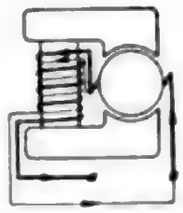
Hauptstrommotor (m)
series wound motor
moteur (m) excité en série



двигатель (m) съ послѣдовательнымъ возбужденіемъ
motore (m) a corrente primaria
motor (m) excitado en serie *1*

Verbundmotor (m), Compoundmotor (m), Motor (m) mit gemischter Feldwicklung
compound wound motor
moteur (m) compound



двигатель (m) компаундъ; электродвигатель (m) со смѣшаннымъ возбужденіемъ; двигатель со смѣшанной обмоткой возбужденія
motore (m) compound, motore (m) ad avvolgimento composto
motor (m) compound *2*

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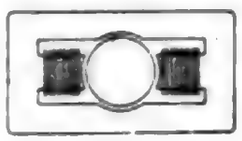
zweipoliger Motor (m)
bipolar *or* two pole motor
moteur (m) bipolaire



двухполюсный двигатель (m)
motore (m) bipolare
motor (m) bipolar *3*

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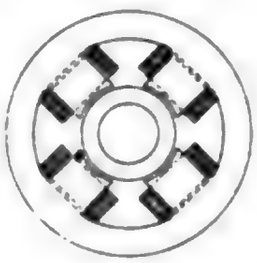
vierpoliger Motor (m)
four pole motor
moteur (m) à quatre pôles *ou* tétrapolaire



четырёхполюсный двигатель (m)
motore (m) a quattro poli
motor (m) tetrapolar *4*

Radmotor (m), Radnabenmotor (m), Innenpolmotor (m)
hub motor
moteur (m) placé dans le moyeu

двигатель (m), помѣщённый во втулкѣ колеса
motore (m) da ruota
motor (m) colocado en el cubo de la rueda *5*

Motoranker (m)
armature of motor
induit (m) de moteur

якорь (m) двигателя
indotto (m) *o* ancora (f) del motore
inducido (m) de motor *6*

Ankerwelle (f), Ankerachse (f)
armature spindle
arbre (m) de l'induit

валъ (m) якоря; ось (f) якоря
albero (m) dell'ancora *o* dell'indotto
eje (m) del inducido *7*

Ankerkörper (m), Ankerkern (m)
armature core
noyau (m) d'induit

тѣло (n) якоря; сердечникъ (m) якоря
anima (f) *o* corpo (m) dell'ancora *o* dell'indotto
núcleo (m) de inducido *8*

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lamellierter Anker (m)
laminated armature [core]
noyau (m) d'induit feuilleté

пластинчатый якорь (m)
ancora (f) *od* indotto (m) a lamella *o* a disco
inducido (m) dividido en hojas *9*

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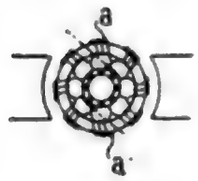
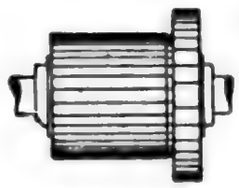
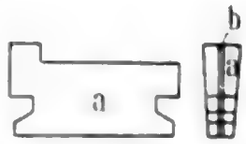
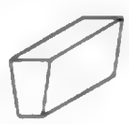
1	Ankerwicklung (f) armature winding enroulement (m) de l'induit	 a	обмотка (f) якоря avvolgimento (m) dell'ancora *o* dell'indotto arrollamiento (m) del inducido
2	Kollektor (m) commutator collecteur (m)		коллекторъ (m) collettore (m) colector (m)
3	Plankollektor (m) horizontal *or* axial commutator collecteur (m) plan, plateau (m) collecteur		плоскій *или* горизонтальный коллекторъ (m) collettore (m) piano colector (m) plano
4	Stirnkollektor (m) vertical *or* radial commutator collecteur (m) radial *ou* cylindrique		лобовой коллекторъ (m) collettore (m) cilindrico colector (m) cilíndrico
5	Kollektorlamelle (f) commutator segment segment (m) *ou* lamelle (f) de collecteur	 a	пластина (f) *или* сегментъ (m) коллектора lamella (f) del collettore segmento (m) *ó* delga (f) del colector
6	isolierende Zwischenlage (f) insulating layer lamelle (f) isolante	b	изолирующая прокладка (f) tramezza (f) isolante lámina (f) aislante
7	Kollektorisolation (f) commutator insulation isolement (m) du collecteur		изоляція (f) коллектора isolamento (m) del collettore aislamiento (m) del colector
8	Stromabnehmer (m), Bürste (f) brush balai (m)		щётка (f) spazzola (f) escobilla (f)
9	Radialbürste (f) radial brush balai (m) radial		радіальная щётка (f) spazzola (f) radiale escobilla (f) radial
10	Kohle[n]bürste (f) carbon brush balai (m) en charbon		ýгольная щётка (f) spazzola (f) di carbone frotador (m) de carbón
11	Klotzbürste (f) solid *or* block brush frotteur (m) à blochet		брусковая щётка (f) spazzola (f) a ceppo frotador (m) compacto

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feste Bürste (f)
fixed brush
balai (m) fixe

неподвижная щётка (f)
spazzola (f) fissa
escobilla (f) fija
1

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verstellbare Bürste (f)
adjustable brush
balai (m) réglable *ou* mobile

переставная щётка (f)
spazzola (f) spostabile
escobilla (f) regulable *ó* móvil
2

Bürstenhalter (m)
brushholder
porte-balai (m)

щёткодержатель (m)
portaspazzola (m)
porta-escobilla (f)
3

Kohlenhalter (m)
carbon brushholder
porte-balai (m) pour balai en charbon

угледержатель (m)
portacarbone (m)
porta-escobillas (m) para frotadores de carbón
4

Bürstenbolzen (m)
brushholder pin
tige (f) de porte-balai

стержень (m) щёткодержателя
perno (m) della spazzola
perno (m) porta-escobillas
5

Bürstenbrücke (f), Joch (n)
brushholder segment
balancier (m) porte-balai

приспособленіе (n) для передвиженія щётокъ
ponte (m) della spazzola
puente (m) de escobillas
6

Bürstenbock (m)
brushholder support
support (m) du porte-balai

стойка (f) *или* подпорка (f) щёткодержателя
cavalletto (m) porta-spazzola
caballete (m) porta-escobilla
7

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der Motor „feuert" *oder* „funkt"
the motor is sparking [at the brushes], the brushes are sparking
le moteur crache (aux balais) *ou* produit des étincelles

двигатель (m) даётъ искры [у щётокъ]
il motore scintilla *o* dà scintille
se producen chispas en las escobillas
8

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elektromotorische Kraft (f), E. M. K.
electromotive force, E. M. F.
force (f) électromotrice

электродвижущая сила (f); E, e
forza (f) elettromotrice
fuerza (f) electromotriz
9

Ankerrückwirkung (f)
armature reaction
réaction (f) d'induit

реакція (f) якоря
reazione (f) dell'indotto
reacción (f) del inducido
10

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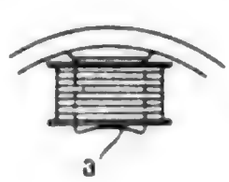
magnetisches Feld (n), Magnetfeld (n)
magnetic field
champ (m) magnétique

магнитное поле (n)
campo (m) magnetico
campo (m) magnético
11

Feldmagnet (m), Pol (m)
field magnet, pole
pôles (m pl) inducteurs, [électro]aimant (m) de champ



электромагнитъ (m); магнитный индукторъ (m)
magnete (m) di campo, polo (m)
polos (m pl) inductores
12

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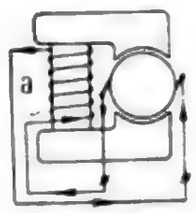
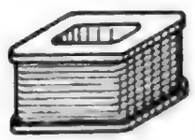
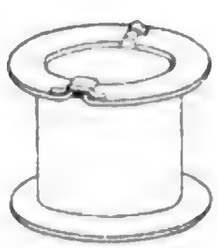
Magnetkern (m), Polkern (m) 1 magnet core noyau (m) polaire	a	полюсный сердечникъ (m) anima (f) del magnete, anima (f) del polo núcleo (m) polar
Felderregung (f) 2 field excitation excitation (f) du champ		возбужденіе (n) магнитныхъ полюсовъ eccitamento (m) del campo excitación (f) del campo
Feldwicklung (f), Erregerwicklung (f) 3 field winding enroulement (m) d'inducteur		обмотка (f) электромагнитовъ; обмотка для возбужденія avvolgimento (m) dell'induttore arrollamiento (m) del inductor
Nebenschlußwicklung (f), Erregerwicklung (f) shunt field winding 4 enroulement (m) shunt d'inducteur, enroulement (m) d'inducteur en dérivation	 a	параллельная *или* шунтовая обмотка (f) электромагнитовъ avvolgimento (m) shunt *o* in derivazione dell'induttore arrollamiento (m) shunt *ó* en derivación del inductor
Feldspule (f), Magnetspule (f) 5 field coil bobine (f) d'inducteur *ou* d'électro-aimant		катушка (f) электромагнита rocchetto (m) *o* bobina (f) del magnete carrete (m) de inductor *ó* de electroimán
kegelförmig gewickelte Spule (f) 6 conically wound field coil bobine (f) à enroulement conique		катушка (f) электромагнита съ конической обмоткой rocchetto (m) *o* bobina (f) ad avvolgimento conico carrete (m) con arrollamiento cónico
unterteilte Feldspule (f) 7 subdivided field coil bobine (f) à enroulement divisé *ou* fractionné		подраздѣлённая катушка (f) электромагнита rocchetto (m) *o* bobina (f) ad avvolgimento diviso carrete (m) subdividido
Spulenkasten (m) 8 spool, bobbin carcasse (f) de bobine		остовъ (m) катушки электромагнита cassetta (f) della bobina *o* del rocchetto cuerpo (m) del carrete
Feldverbindung (f), Verbindung (f) der Magnetspulen 9 connection of field coils connexions (f pl) des bobines d'inducteur		соединеніе (n) катушекъ электромагнитовъ collegamento (m) della bobina *o* del rocchetto empalmes (m pl) de los carretes inductores

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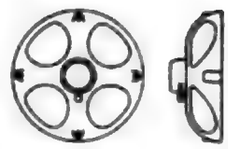
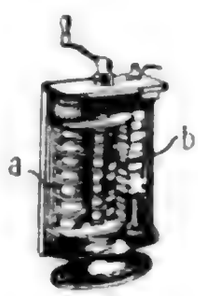
Magnetgehäuse (n), Polgehäuse (n) pole frame *or* field carcasse (f) polaire, enveloppe (f) des pôles		магнитный остовъ (m) coperchio (m) del magnete armadura (f) polar, envolvente (m) de los polos	*1*
Lagerschild (n) bearing bracket, end plate bearing flasque (m) porteur du palier		стѣнка (f) остова *или* корпуса двигателя съ подшипникомъ piastrina (f) di sopporto placa (f) lateral *ó* gualdera (f) con soporte	*2*
Motorleistung (f) capacity of the motor capacité (f) du moteur		мощность (f) двигателя rendimento (m) del motore capacidad (f) del motor	*3*
x-pferdiger Motor *x*-HP motor moteur (m) de *x* chevaux *ou* HP		двигатель (m) въ x лошадиныхъ силъ motore (m) di *x* cavalli motor (m) de *x* caballos *ó* HP	*4*
Fahrschalter und sonstige Ausrüstung **Controllers and Accessories** **Contrôleurs et accessoires**		**Контроллеръ и прочія принадлежности** **Combinatori di marcia ed accessori** **Combinadores y accesorios**	*5*
Fahrschalter (m), Kontroller (m) controller contrôleur (m)		контроллеръ (m) combinatore (m) di marcia, controller (m) combinador (m), regulador (m), controller (m)	*6*
Fahrschaltertrommel (f), Steuertrommel (f) controller, controler (A) contrôleur (m) [de marche]	a	барабанъ (m) *или* цилиндръ (m) контроллера (m) combinatore (m) di marcia combinador (m) *ó* regulador (m) de marcha	*7*
Schaltwalze (f) controller drum cylindre (m) du contrôleur	b	переключающій барабанъ (m); цилиндръ (m) для переключеній cilindro (m) del combinatore cilindro (m) del combinador *ó* regulador	*8*
Kontaktstück (n) contact piece contact (m), plot (m)		контактъ (m) pettine (m) di contatto contacto (m)	*9*
Kontaktfinger (m) finger, contact finger touche (f) de contact		контактный палецъ (m) spina (f) di contatto placa (f) de contacto	*10*

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1	Schleifdaumen (m) sliding contact cam touche (f) à frottement	скользящій контактный палецъ (m) sporgenza (f) d'attrito magnetico placa (f) de frotamiento
2	selbsttätiger Funkenlöscher (m) automatic spark extinguisher, blowout (A) souffleur (m) *ou* extincteur (m) d'étincelles automatique	автоматическій искротушитель (m) estintore (m) automatico di scintille soplador (m) de chispas automático
3	Blasmagnet (m) blowout magnet [électro-]aimant (m) souffleur	магнитъ (m) для [магнитнаго] дутья magnete (m) soffiante [electro-]imán (m) soplador
4	Klemmenleiste (f), Klemmenbrett (n) terminal board tablette (f) des contacts	зажимная доска (f) listello (m) di contatto tabla (f) *ó* cuadro (m) de los contactos
5	Schaltrad (n) controller hand wheel volant (m) du contrôleur	маховичокъ (m) для включенія; маховичокъ контроллера volante (m) *o* volantino (m) del combinatore volante (m) del regulador
6	Fahrschalthebel (m) switch lever levier (m) de mise en marche *ou* de démarrage	рычагъ (m) контроллера для пуска въ ходъ leva (f) del combinatore (di marcia) palanca (f) de arranque
7	Schaltstellung (f) switch position position (f) de mise en circuit	положеніе (n) включенія posizione (f) del combinatore posición (f) de cierre de circuito
8	Nullstellung (f) zero *or* off position position (f) au zéro *ou* de repos	положеніе (n) нуля posizione (f) di riposo *o* di fermo posición (f) cero *ó* de reposo
9	Ausschaltstellung (f) off position position (f) de mise hors circuit	положеніе (n) при выключеніи; установка (f) на выключеніе posizione (f) d'interruzione posición (f) de rotura *ó* apertura del circuito

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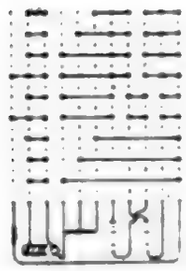
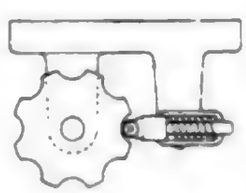
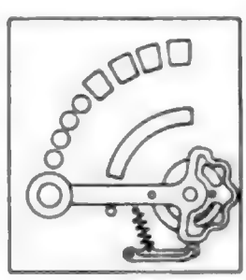
Schaltungsschema (n) wiring diagram schema (m) des connexions		схема (f) соединеній schema (m) di commutazione esquema (m) de las conexiones	1
Widerstandstufe (f) resistance step plot (m) de rhéostat		секція(f) сопротивленія grado (m) di resistenza contacto (m) de reostato	2
Fahrtstellung (f) running position position (f) de marche		ѣздовое положеніе (n) posizione (f) di marcia posición (f) de marcha	3
Bremsstellung (f) braking position position (f) de freinage		положеніе (n) при тормаженіи posizione (f) di frenamento posición (f) de frenado	4
Kurzschlußbremsung (f) short circuit braking freinage (m) par court circuit		тормазъ (m) короткаго замыканія frenaggio (m) con corto circuito frenado (m) de corto-circuito	5
Fahrschalterverriegelung (f) controller lock verrouillage (m) du contrôleur de marche		остановъ (m) контроллера bloccaggio (m) del combinatore di marcia detención (f) por cerrojo del regulador de marcha	6
Schaltsegment (n) segment of controller segment (m) de contact du contrôleur		включающій секторъ (m) segmento (m) del combinatore di marcia segmento (m) de contacto del combinador	7
Anlaßwiderstand (m) starting resistance démarreur (m)		пусковой реостатъ (m) reostato (m) d'avviamento reostato(m)de arranque, arrancador (m)	8
Reglungswiderstand (m) regulating resistance rhéostat (m) de réglage		реостатъ (m) reostato (m) regolatore reostato (m)	9
Bremswiderstand (m) braking resistance, rheostat rhéostat (m) de freinage		реостатъ (m) для тормаженія reostato (m) di frenamento reostato (m) de frenado	10

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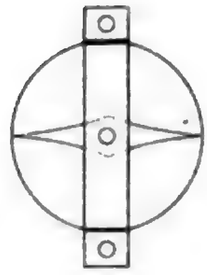
1 Stromrichtungszeiger (m)
current direction indicator
indicateur (m) du sens du courant

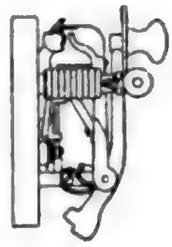


указатель (m) направленія тока
indicatore (m) della direzione della corrente
indicador(m) del sentido de la corriente

2 Fußhebelschalter (m), Pedalschalter (m)
pedal switch
interrupteur (m) à pédale

ножной выключатель (m)
interruttore (m) a pedale
interruptor (m) de pedal

3 Sicherheitsschalter (m)
safety switch
interrupteur (m) de sûreté *ou* automatique



предохранительный выключатель (m)
interruttore (m) di sicurezza
interruptor (m) de seguridad *ó* automático

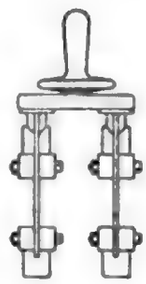
4 Handschalter (m), Schalter (m), Hebelschalter (m)
lever switch
interrupteur (m) à main *ou* à levier

ручной выключатель (m); рычажный выключатель
interruttore (m) a mano *od* a leva
interruptor (m) de mano *ó* de palanca

5 einpoliger Schalter (m)
single pole switch
interrupteur (m) unipolaire

однополюсный выключатель (m)
interruttore (m) unipolare
interruptor (m) unipolar

6 zweipoliger *oder* doppelpoliger Schalter (m)
double pole switch
interrupteur (m) bipolaire

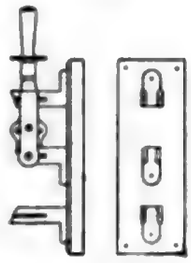


двухполюсный выключатель (m)
interruttore (m) bipolare *o* doppio
interruptor (m) bipolar

7 Momentschalter (m)
quick break switch
interrupteur (m) instantané

мгновенный выключатель (m)
interruttore (m) istantaneo
interruptor (m) instantáneo

8 Umschalter (m)
change over switch
commutateur (m)



переключатель (m)
commutatore (m)
conmutador (m)

9 Ladeschalter (m)
charging switch
commutateur (m) de charge

зарядный выключатель (m)
commutatore (m) di carica
conmutador(m)de carga

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Dosenschalter (m)
box switch
interrupteur (m) *ou* commutateur (m) d'installation

выключатель (m) въ коробкѣ
commutatore (m) a calotta
llave (f) de instalación
1

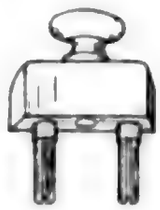
Lampenschalter (m)
lamp switch
commutateur (m) de lampes

ламповый выключатель (m)
commutatore (m) di lampadine
conmutador (m) de lámparas
2

Steckkontakt (m)
plug switch
bouchon (m) de contact, contact (m) à cheville *ou* fiche

штыковый *или* вилочный контактъ (m)
presa (f) di corrente a spina
contacto (m) ó enchufe (m) de clavija
3

Kontaktstöpsel (m)
contact plug
bouchon (m) de contact



контактный штепсель (m)
spina (f) di contatto
tapón (m) de contacto
4

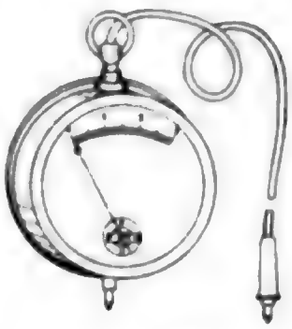
Ladestöpsel (m)
charging plug
bouchon (m) *ou* fiche (f) de charge

зарядный штепсель (m)
spina (f) di carico
tapón (m) de carga
5

Voltmeter (n)
voltmeter
voltmètre (m)

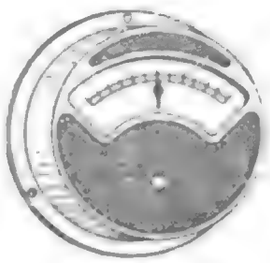
вольтметръ (m)
volt[o]metro (m)
voltimetro (m)
6

Taschenvoltmeter (n)
pocket voltmeter
voltmètre (m) de poche



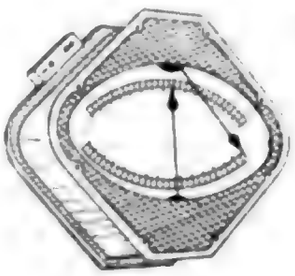
карманный вольтметръ (m)
volt[o]metro (m) tascabile
voltimetro (m) de bolsillo
7

Strommesser (m), Amperemeter (n)
ammeter
ampèremètre (m)



амперметръ (m)
amperometro (m)
amperimetro (m)
8

Doppelinstrument (n), Volt-Amperemeter (n)
volt ammeter
voltampèremètre (m), wattmètre (m)



двойной комбинированный приборъ (m); комбинированный вольтметръ (m) и амперметръ (m)
volt-amperometro (m), wattmetro (m)
vatimetro (m)
9

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1	Nebenschluß (m), Shunt (m) shunt dérivation (f), shunt (m)	шунтъ (m) shunt (m), derivazione (f) derivación (f), shunt (m)
2	Sicherung (f) fuse, cut out coupe-circuit (m)	предохранитель (m) valvola (f) di sicurezza corta-circuitos (m)
3	Schmelzsicherung (f) fuse, cut out fusible (m)	плавкій предохранитель (m) valvola (f) di sicurezza fusibile fusible (m)
4	Stöpselsicherung (f) plug fuse fusible (m) à bouchon	штепсельный предохранитель (m) valvola (f) di sicurezza a turacciolo *od* a tappo fusible (m) de tapón
5	Schmelzstöpsel (m) fuse plug bouchon (m) fusible	плавкій штепсель (m) tappo (m) *o* turacciolo (m) fusibile tapón (m) fusible
6	Dosensicherung (f) box fuse coupe-circuit (m) d'installation	предохранитель (m) въ коробкѣ valvola (f) di sicurezza a tabacchiera corta-circuitos (m) *ó* fusible (m) de instalación
7	Streifensicherung (f) strip fuse fusible (m) à lame	предохранитель (m) съ пластинкой *или* съ полоской valvola (f) di sicurezza a lamelle fusible (m) de lámina
8	Schmelzstreifen (m) fuse strip lame (f) fusible	плавкая пластина (f) *или* полоска (f) lamella (f) fusibile lámina (f) de fusible
9	Schmelzstromstärke (f) fusing current intensité (f) du courant de fusion	сила (f) тока плавки potenza (f) della corrente di fusione intensidad (f) de la corriente de fusión
10	Kabelschuh (m) thimble, cable shoe douille (f) *ou* raccord (m) de câble	кабельный наконечникъ (m) serrafilo (m) boquilla (f) *ó* terminal (m) de cable
11	Kabelverlegung (f) laying a cable pose (f) du câble	прокладка (f) кабеля spostamento (m) del filo colocación (f) del cable

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Isolierrohr (n) mit Messingüberzug
brass cased conduit (A)
tube (m) isolant revêtu *ou* à gaine de laiton

изолирующая трубка (f) съ латунной оболочкой
tubo (m) isolante con rivestimento d'ottone
tubo (m) aislador revestido *ó* con vaina de latón

1

Panzerrohr (n)
armoured conduit (A)
tube (m) armé

бронированная трубка (f)
tubo (m) isolante armato *o* corazzato
tubo (m) armado *ó* protegido

2

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VII.

Wagen mit gemischtem Antrieb

Cars with mixed Drive, Gasoline-electric cars (A)

Voitures mixtes

Автомобили смѣшаннаго типа

Vetture a comando misto

Coches mixtos

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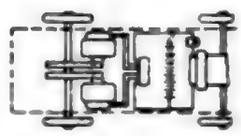
1 Elektromobil (n) mit gemischtem Betrieb
petrol electric car, gasoline electric car (A)
électromobile (m) mixte



электромобиль (m) смѣшаннаго типа; электро-бензиновый автомобиль (m)
elettromobile (m) a comando misto
electromóvil (m) mixto

---

2 Energiereserve (f)
reserve energy *or* power
énergie (f) en réserve

запасъ (m) энергіи
riserva (f) d'energia
energía (f) de reserva

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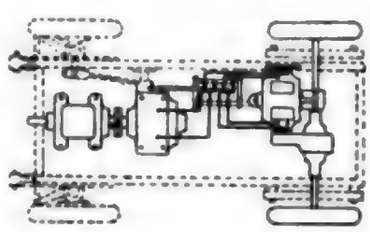
3 Automobil (n) mit elektrischer Arbeitsübertragung
automobile with electric transmission gear
automobile (m) à transmission électrique



автомобиль (m) съ электрической передачей
automobile (m) con trasmissione elettrica
automóvil (m) con transmisión eléctrica

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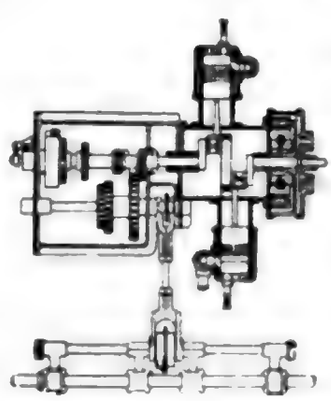
4 Elektromobil (n) mit elektromechanischem Antrieb
mechanically driven electric car
automobile (m) à commande électromécanique



электромобиль (m) съ электромеханическимъ приводомъ
elettromobile (m) con trasmissione elettromeccanica
automóvil (m) con movimiento electromecánico

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VIII.

Oberbau Carriage Body Carrosserie	Кузовъ Carrozzeria Carrocería	
Wagenbau (m) coach building, body making carrosserie (f)	экипажное дѣло (n) carrozzeria (f) carrocería (f)	1
Wagenaufbau (m), Oberbau (m), Karosserie (f) carriage body carrosserie (f)	кузовъ (m); кароссери (n) carrozzeria (f) carrocería (f)	2
Wagenbauer (m) coach builder carrossier (m)	каретникъ (m); экипажный мастеръ (m) carrozziere (m) carrocero (m)	3
Wagenkasten (m) body, car body caisse (f) de voiture	экипажный корпусъ (m); корпусъ экипажа cassa (f) *o* scocca (f) della vettura caja (f) del coche	4
Rohbaukasten (m) rough body, body in the rough caisse (f) non garnie	экипажный корпусъ (m) вчернѣ scocca (f) greggia, scocca (f) non guarnita caja (f) sin guarnición	5
die Karosserie aufpassen (v) to fit the body on ajuster (v) la carrosserie	пригнать кароссери aggiustare (v) la carrozzeria ajustar (v) la carrocería	6
Riß (m) design, sketch of design dessin (m), croquis (m)	планъ (m); чертёжъ (m) disegno (m), progetto (m) dibujo (m), croquis (m)	7
Formgebung (f) fixing the body design détermination (f) du type	опредѣленіе (n) типа determinazione (f) della forma *o* della sagoma determinación (f) del tipo	8

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1	Gerippe (n) des Wagenkastens frame work of car body, skeleton *or* frame of body ossature (f) de la caisse, carcasse (f) de la caisse	остовъ (m) экипажнаго корпуса ossatura (f) *o* incastellatura (f) della scocca armazón (m) de la caja
2	Brett (n) board planche (f)	доска (f) tavoletta (f), assicella (f) tabla (f), plancha (f)
3	Hartholz (n) hardwood bois (m) dur	твёрдое дерево (n) legno (m) duro madera (f) dura
4	Eichenholz (n) oak bois (m) de chêne	дубъ (m); дубовое дерево (n) legno (m) di quercia madera (f) de encina
	Buchenholz (n) beech bois (m) de hêtre	букъ (m); буковое дерево (n) legno (m) di faggio madera (f) de haya
	Rüsterholz (n), Ulmenholz (n) elm bois (m) d'orme	берестъ (m); карагачъ (m); вязъ (m); ильма (f) legno (m) d'olmo madera (f) de olmo
7	Pappelholz (n) poplar bois (m) de peuplier	тополь (m); тополевое дерево (n) legno (m) di pioppo madera (f) de álamo
8	Nußbaumholz (n) walnut bois (m) de noyer	орѣхъ (m); орѣховое дерево (n) legno (m) di noce madera (f) de nogal
9	Mahagoni (n) mahogany bois (m) d'acajou	красное дерево (n); макагони (n); акажу (n) legno (m) di mogano madera (f) de caoba
10	Palisanderholz (n), Polisanderholz (n) rosewood, palisander bois (m) de palissandre	палисандръ (m); якарандовое дерево (n) legno (m) di palissandro madera (f) de palisandro
1	Weidenholz (n) (withwood) willow bois (m) de saule	ива (f); верба (f); ивовое дерево (n) legno (m) di salice madera (f) de sauce
12	Teakholz (n) teak bois (m) de teck	тикъ (m); тиковое дерево (n) legno (m) di teck madera (f) de teca
13	amerikanische Fichte (f) American pine pin (m) *ou* sapin (m) d'Amérique	американская пихта (f) pino (m) d'America pinabete (m) *ó* pino (m) de América

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Verkleidung (f) covering, filling revêtement (m), garniture (f), panneautage (m)	обшивка (f); отдѣлка (f) rivestimento (m) revestimiento (m)	1
Holztäfelung (f) wood panelling revêtement (m) en bois [des panneaux]	деревянная обшивка (f); покрытіе (n) планками intavolato (m), rivestimento (m) di legno revestimiento (m) de madera	2
Furnier (n) veneer placage (m)	фанерка (f) impiallicciatura (f) chapeado (m)	3
Tafel (f) des Wagenkastens body panel planche (f) de la caisse	филёнка (f) корпуса tavola (f) *o* fodrina (f) della scocca plancha (f) *ó* tabla (f) para la caja	4
die Tafel wird gekocht the panel is steamed la planche est mise en forme à la vapeur (carrossage)	доска (f) *или* планка (f) пропаривается la tavola *o* la fodrina viene bollita *o* curvata a vapore la tabla está encorvada por medio del vapor	5
das Holz arbeitet the wood works le bois travaille *ou* joue	дерево (n) измѣняется при усыханіи il legno lavora la madera trabaja	6
Holzmaserung (f) speckled wood bois (m) veiné	узорчатость (f) дерева; тиссатура (f) дерева legno (m) marezzato *o* venato madera (f) veteada *ó* con aguas	7
Stahlblechtafel (f) sheet steel plate revêtement (m) *ou* panneau (m) en tôle d'acier	стальной обшивочный листъ (m) tavola (f) di lamiera d'acciaio revestimiento (m) de chapa de acero	8
Leinölanstrich (m) coat of linseed-oil peinture (f) à l'huile (de lin)	покрытіе (n) олифой [льнянымъ масломъ] verniciatura (f) ad olio di lino pintura (f) al óleo	9
Leinwandbekleidung (f) canvas covering revêtement (m) en toile	обшивка (f) полотномъ *или* холстомъ; оплётка (f) полотномъ ricopertura (f) *o* rivestimento (m) in tela revestimiento (m) de tela	10
die Leinwand löst sich the canvas becomes detached *or* loose la toile se détache	полотно (n) отстаётъ la tela si distacca la tela se desprende	11

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1	Wagen (m) mit Korbgeflecht wicker *or* basket work body voiture-panier (f), panier (m)	экипажъ (m) съ плетёнымъ корпусомъ vettura (f) a paniere coche (m) de mimbre
2	Zweisitzer (m) two seater voiture (f) à deux places	двухмѣстный автомобиль (m); двухмѣстная коляска (f) vettura (f) a due posti coche (m) de dos asientos
3	Rennkarosserie (f) racing body, racing-type body voiture (f) de course *ou* d'épreuve	гоночный кузовъ (m); кузовъ гоночнаго автомобиля carrozzeria (f) da corsa coche (f) de carreras *ó* de pruebas
4	Tonneau (n) tonneau tonneau (m)	тонно (n) tonneau (m) tonneau (m), tonó (m)
5	Hintereinstieg (m) rear entrance entrée (f) à l'arrière	входъ (m) сзади entrata (f) posteriore *o* di dietro entrada (f) por atrás
6	Phaëton (n) phaeton phaéton (m)	фаэтонъ (m) phaeton (m) faetón (m)
7	Doppelphaëton (n) double phaeton double phaéton (m)	двойной фаэтонъ (m); дубль-фаэтонъ (m) doppio phaeton (m) doble faetón (m)
8	Seiteneinstieg (m) side entrance entrée (f) latérale	боковой входъ (m); входъ сбоку entrata (f) laterale entrada (f) lateral
9	Drehsitzphaëton (n), Phaëton (n) mit vorderem Drehsitz three seated phaeton, phaeton with pivoted front seat phaéton (m) avec siège d'avant pivotant	фаэтонъ (m) съ переднимъ поворотнымъ сидѣніемъ phaeton (m) con sedile anteriore girevole faetón (m) con asiento delantero giratorio
10	sechssitziges Phaëton (n), Triplephaëton (n) six seated phaeton, triple phaeton triple-phaéton (m)	шестимѣстный фаэтонъ (m); трипль-фаэтонъ triple-phaeton (m) triple-faetón (m)
11	Landaulet (n) landaulet, landaulette landaulet (m)	ландолэ (m) landaulet (m) landaulet (m), landolé (m), landau (m)

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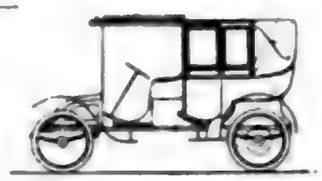
Limousine (f)
limousine
limousine (f)

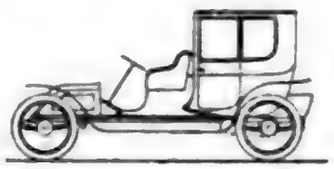
лимузинъ (m); лимузина (f)
limousine (f)
limusina (f), limousine (f)
1

Landaulet-Limousine (f)
landaulet-limousine
landaulet-limousine (m)



ландолэ-лимузинъ (m); ландолэ-лимузина (f)
landaulet-limousine (f)
landaulet-limousine (m), landolé-limusina (m)
2

Coupé (n)
coupé
coupé (m)

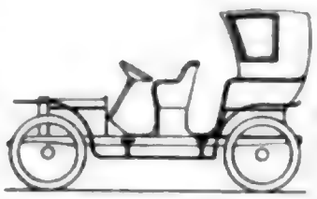


купэ (n)
coupé (m)
cupé (m)
3

Coupé-Whisky (n)
landaulet (special form)
coupé-landaulet (m)

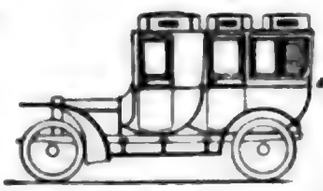
купэ-ландолэ (n)
coupé-Whisky (m)
cupé-landolé (m)
4

Cab (n)
three seater with hansom cab body
cab (m)



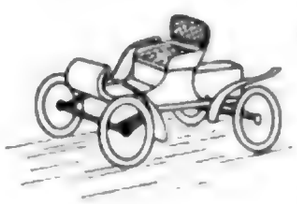
кэбъ (m)
cab (m)
cab (m)
5

Reisewagen (m) mit geschlossenem Führersitz
touring car with enclosed driver's seat
voiture (f) de tourisme avec siège de chauffeur abrité *ou* coupé pour le chauffeur



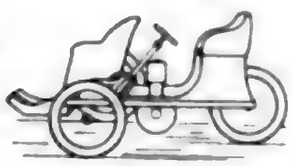
автомобиль (m) для путешествій *или* для туризма съ закрытымъ сидѣніемъ для шоффёра
vettura (f) da viaggio con sedile anteriore chiuso
coche (m) de turismo con asiento abrigado para el conductor *ó* cupé para el chauffeur
6

Sportwagen (m)
two seater, runabout
voiture (f) de sport



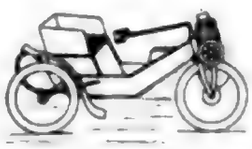
автомобиль (m) для спорта; коляска (f) для спорта
vettura (f) da sport, runabout (m)
coche (m) de sport *ó* deporte
7

Dreiradwagen (m), „Tricar" (m)
tricar
tricar (m)



трёхколёска (f); трикаръ (m)
tricar (m)
tricar (m)
8

Dreiradwagen (m) mit Vorderradantrieb
front driven three wheeler
tricar (m) avec mécanisme à l'avant



трехколёска (f) *или* трикаръ (m) съ переднимъ ведущимъ колесомъ
tricar (m) con ruota anteriore comandata
tricar (m) con mecanismo delantero
9

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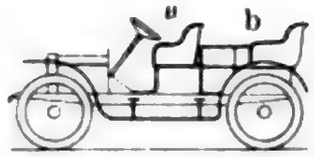

1	Fahrersitz (m), Führersitz (m), Bock (m) driver's seat siège (m) du chauffeur	сидѣніе (n) для шоффёра sedile (m) del conduttore asiento (m) del conductor
2	Sitz (m) seat siège (m), banquette (f)	сидѣніе (n) sedile (m) asiento (m), banqueta (f)
3	Rücksitz (m), Fond (m) rear seat, back seat banquette (f) *ou* siège (m) d'arrière	заднее сидѣніе (n) *или* мѣсто (n) sedile (m) posteriore banqueta (f) ó asiento (m) de atrás
4	Rückenlehne (f) back (of seat) dossier (m)	спинка (f) schienale (m) respaldo (m)
5	Seitenlehne (f) elbow cushion *or* rest accoudoir (m)	локотникъ (m) appoggiatoio (m) antepecho (m)
6	Armlehne (f) arm rest bras (m) d'un fauteuil	локотникъ (m) bracciale (m) brazo (m) de un asiento
7	Notsitz (m) emergency seat siège (m) de réserve, strapontin (m)	скамеечка (f); запасное сидѣніе (n) sedile (m) ausiliare, sedile (m) pieghevole bigotera (f)
8	Klappsitz (m) folding-seat strapontin (m)	откидное сидѣніе (n) strapontino (m) bigotera (f)
9	Schiebesitz (m), Ausziehsitz (m) sliding *or* pull out seat siège (m) à coulisse *ou* extensible	выдвижное сидѣніе (n) sedile (m) allungabile ad incastro asiento (m) de corredera
10	Drehsessel (m), Schwenksessel (m) pivot *or* swivel seat siège (m) *ou* tabouret (m) à pivot	поворотное сидѣніе (n) sedile (m) girevole asiento (m) de pivote
11	Stecksitz (m) seat with stanchion and socket siège (m) à rallonge	вставное сидѣніе (n); вынимающаяся скамеечка (f); скамеечка, вставляющаяся въ полъ sedile (m) da allungarsi asiento (m) de larguero

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Wandschranksitz (m)
seat over locker
siège (m) basculant

сидѣніе (n) на шкафикѣ
sedile (m) sollevabile
asiento (m) basculante

1

Öse (f)
eyelet
lunette (f)

ушко (n); кольцо (n)
lunetta (f)
luneta (f)

2

Fenster (n)
window
fenêtre (f), glace (f)

окно (n); окошко (n)
finestrino (m)
ventana (f), vidrio (m)

3

Hinterfenster (n)
backlight, rear window
lunette (f) postérieure

заднее окошечко (n)
finestrino (m) posteriore
luneta (f) trasera

4

Seitenfenster (n)
side window
fenêtre (f) latérale, baie (f) latérale

боковое окно (n)
finestrino (m) laterale
ventana (f) lateral

5

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herablaßbares Fenster (n)
drop *or* let down window
fenêtre (f) glissante *ou* à châssis mobile en deux parties, demi-fenêtre (f) à coulisse

сдвижное окно (n)
finestrino (m) abbassabile
ventana (f) semicorrediza

6

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versenkbares Fenster (n)
drop slide window
fenêtre (f) à coulisse dans le panneau inférieur, fenêtre (f) à coulant *ou* descente de glace

опускное окно (n); выдвижное окно
finestrino (m) a registro
ventana (f) de corredera en la parte inferior de la pared

7

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umklappbares Fenster (n)
hinged window
fenêtre (f) à bascule, pare-buse (m)

откидное переднее стекло (n)
finestrino (m) a cerniera
ventana (f) de báscula, paravientos (m)

8

Fensterrahmen (m)
window frame
cadre (m) de la fenêtre, châssis (m) de la glace

оконная рама (f)
telaino (m) del cristallo
bastidor (m) de la ventana, bastidor (m) del cristal

9

Fensterscheibe (f)
window glass *or* pane
glace (f)

оконное стекло (n)
cristallo (m) del finestrino
cristal (m), vidriera (f)

10

---

fazettierte Scheibe (f)
bevelled glass
glace (f) biseautée

стекло (n) съ фацетомъ
cristallo (m) molato *o* smussato
vidrio (m) *ó* cristal (m) biselado

11

Fenstergurt (m)
window sash
courroie (f) de châssis de fenêtre

оконный ремень (m)
correggia (f) *o* tirante (m) del finestrino
correa (f) de vidriera

12

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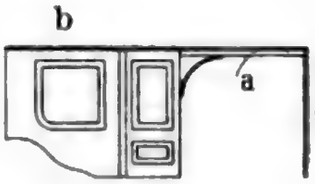
1 Türstollen (m)
door post
montant (m) de la porte

дверная стойка (f)
montante (m) della portiera
montante (m) de la puerta

---

2 Karosserieaufsatz (m)
body top
toit (m) *ou* pavillon (m) de la voiture



верхъ (m) кареты
parte (f) superiore smontabile della carrozzeria
techo (m) del vehiculo

---

3 Dach (n)
roof
toit (m) *ou* pavillon (m) de la caisse

крыша (f)
tetto (m)
techo (m) de la caja

---

4 Vordach (n)
front extension to roof
toit (m) d'avant

a

навѣсъ (m); надъ сидѣніемъ шоффера
tetto (m) anteriore
techo (m) anterior

---

5 Verdeck (n)
head, hood
dais (m), pavillon (m) démontable

b

верхъ (m)
capote (f), mantice (m), soffietto (m)
techo (m), pabellón (m) móvil

---

6 Verdeckstütze (f)
roof support
montant (m) du dais *ou* pavillon

c

подпорка (f) *или* стойка (f) экипажнаго верха
piantone (m) del tetto
montante (m) de pabellón

---

7 festes Verdeck (n)
fixed head, fixed hood
pavillon (m) fixe

несъёмный верхъ (m)
tetto (m) fisso
pabellón (m) fijo

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8 Fuge (f), Spalte (f), [Ritze (f)]
joint, slot, groove
joint (m), rainure (f)

пазъ (m); фуга (f)
giunto (m), incastro (m), scanalatura (f)
junta (f), ranura (f)

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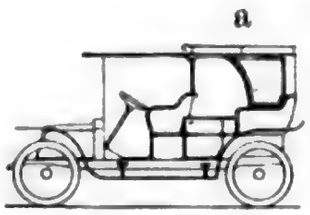
9 Gepäckgalerie (f)
luggage rail
galerie (f) à bagages



галерейка (f) для багажа
galleria (f) portabagagli
galeria (f) para equipajes

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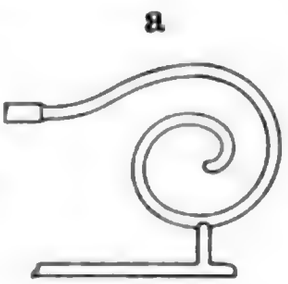
10 „Galerieschnecke" (f)
stops, staircase
volute (f) de la galerie



завитокъ (m) галерейки
riccio (m) della galleria
voluta (f) de la galeria

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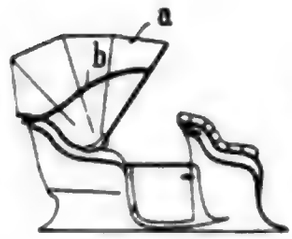
Halbverdeck (n)
half cover, single hood, half roof
capote (f), demi-toit (m), demi-pavillon (m)



a

верхъ (m)
mezzo-mantice (m)
capota (f)
1

Sturmstange (f)
rule joint, coach joint
compas (m)

b

штурмштанга (f); [шарниръ (m)]
compasso (m)
compás (m)
2

---

das Verdeck aufschlagen (v)
to raise the hood, to put the hood up
relever (v) la capote

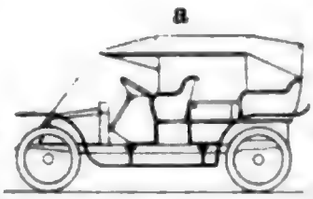
поднять верхъ
alzare (v) il mantice
levantar (v) la capota
3

---

das Verdeck umlegen (v) *oder* öffnen (v)
to lower the hood, to put the hood down
baisser (v) la capote

спустить верхъ
abbassare (v) il mantice
bajar (v) la capota
4

Segeltuchverdeck (n), „amerikanisches" Verdeck (n)
canvas hood, cape cart hood
capote (f) en toile *ou* américaine



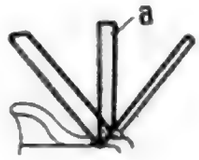
a

верхъ (m) изъ парусины; американскій верхъ
capote (f) a doppia estensione in tela
capota (f) de tela ó americana
5

Regenvorhang (m)
storm curtain
tendelet (m)

непромокаемая занавѣска (f)
tendina (f) para-pioggia
tendal (m), cortina (f) ó tela (f) protectora de la lluvia
6

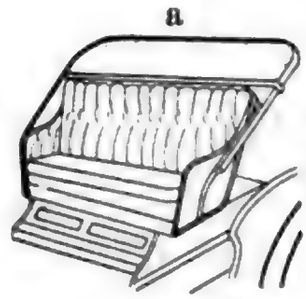
Spriegel (m), Verdeckspriegel (m)
tilt hoop
cerceau (m)



a

лучокъ (m); шпригель (m)
arco (m) della capote
cerquillo (m)
7

Staubfänger (m), Staubsegel (n)
dust screen
pare-poussière (m)



a

щитокъ (m) отъ пыли
para-polvere (m)
guarda-polvo (m)
8

Wagenbeschlag (m)
carriage *or* car fittings
garniture (f) métallique de la voiture, ferrures (f pl)

обивка (f) коляски
guarnizione (f) della vettura
guarnición (f) metálica del coche
9

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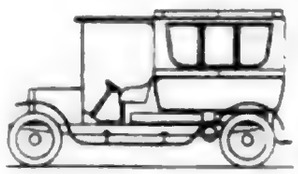
1	plattierter Beschlag (m) plated fittings [garniture (f) en] plaqué (m) *ou* doublé (m)	металлическій приборъ (m) guarnizione (f) placcata revestimiento (m) de chapa fina
2	plattieren (v) to plate plaquer (v)	обложить placcare (v) revestir (v) con una chapa fina, platinar (v)
3	messingplattiert brass laquered doublé de laiton	обложено [жёлтой] мѣдью placcato in ottone revestido con placa ú hoja de latón
4	Inneneinrichtung (f) internal arrangement, interior equipment aménagement (m) intérieur	внутреннее устройство (n) addobbamento (m) interno disposición (f) interior
5	Schrank (m) cupboard, locker coffre (m)	шкафъ (m); шкапъ (m) armadietto (m) caja (f), cofre (m), arca (f)
6	Reisebesteck (n) travelling case *or* „companion" nécessaire (m) de voyage	дорожный несессеръ (m) cassetta (f) da viaggio necesaire (m) *ó* estuche (m) de viaje
7	Omnibus (m) omnibus, motor bus autobus (m), omnibus (m), poids-lourd (m)	автобусъ (m); моторный омнибусъ (m) omnibus (m) autobus (m), omnibus (m), gran-peso (m)
8	Personenwagen (m) passenger vehicle autobus (m) à voyageurs	автобусъ (m) для пассажировъ omnibus (m) per viaggiatori autobus (m)
9	Nutzfahrzeug (n) industrial vehicle, commercial vehicle voiture (f) industrielle	автомобиль (m) для груза *или* клади veicolo (m) industriale vehículo (m) industrial
10	Break (n) break, brake break (m)	брэкъ (m) break (m) break (m)
11	leichter Omnibus (m) light omnibus autobus (m) léger	лёгкій автобусъ (m) omnibus (m) leggiero autobus (m) lijero
12	Hotelomnibus (m) hotel bus autobus (m) d'hôtel	отельный омнибусъ (m); автобусъ (m) для гостинницъ omnibus (m) d'albergo autobus (m) de hotel



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Überlandomnibus (m)
omnibus *or* bus for suburban and country service
diligence (f) automobile

автомобильный дилижансъ (m)
diligenza (f) automobile
diligencia (f) automóvil *1*

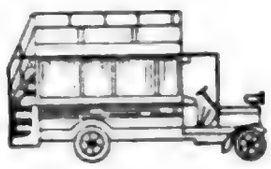
Omnibus (m) mit Seiteneinstieg
omnibus with side entrance
autobus (m) à entrée latérale

автобусъ (m) со входомъ сбоку
omnibus (m) ad entrata laterale
autobus (m) de entrada lateral *2*

Omnibus (m) für Stadtverkehr, Stadtomnibus (m)
omnibus *or* bus for town service
autobus (m) de ville *ou* urbain

автобусъ (m) для городского сообщенія; городской автобусъ
omnibus (m) da città
autobus (m) de ciudad *ó* urbano *3*

Decksitzomnibus (m)
double-deck motor bus
autobus (m) à impériale



автобусъ (m) съ имперіаломъ
omnibus (m) ad imperiale
autobus (m) con imperial *4*

Omnibus (m) mit Hintereinstieg
omnibus with rear entrance
autobus (m) à entrée à l'arrière

автобусъ (m) со входомъ сзади
omnibus (m) ad entrata posteriore
autobus (m) con entrada posterior *5*

Hinterplattform (f)
rear platform
plate-forme (f) d'arrière

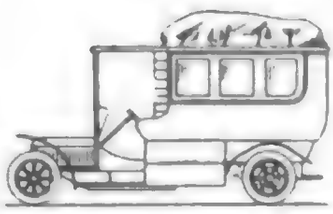
задняя площадка (f)
piattaforma(f)posteriore
plataforma (f) posterior *6*

Sonnendach(n), Sonnensegel (n)
canopy
dais (m) [de protection contre le soleil]

a

тентъ (m); навѣсъ (m) отъ солнца
tenda (f) parasole
cubierta (f) de protección contra el sol *7*

Postomnibus (m)
royal mail waggon
autobus (m) *ou* omnibus (m) [du service] de la poste



почтовый автобусъ (m)
omnibus (m) postale
autobus(m) *ú* ómnibus (m) de correos *8*

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1	Omnibus (m) für Personen- und Gepäckbeförderung omnibus *or* bus with luggage carrying capacity autobus (m) à voyageurs et bagages	автобусъ (m) для перевозки пассажировъ и багажа omnibus (m) per passeggieri e per bagaglio autobus (m) para viajeros y equipajes
2	offener Omnibus (m) open bus autobus (m) ouvert	открытый автобусъ (m) omnibus (m) aperto autobus (m) abierto
3	Sommerwagen (m) summer excursion vehicle, brake autobus (m) *ou* voiture (f) d'été	открытая коляска (f) omnibus (m) per servizio estivo autobus (m) *ó* coche (m) de estío *ó* verano
4	Aussichtwagen (m) excursion vehicle *or* brake, "outing" vehicle *or* brake, sight seeing car (A) voiture (f) d'excursion *ou* pour parties de campagne	автобусъ (m) для загородныхъ прогулокъ vettura (f) per scampagnate, carrozza (f) a giardiniera coche (m) para partidas de campo
5	Gesellschaftswagen (m) vehicle for private parties voiture (f) de sociétés	многомѣстный экипажъ (m) vettura (f) da società coche (m) de sociedades
6	Droschke (f) motor cab, taxi-cab, "taxi" voiture (f) de place, autoplace (m), fiacre (m) automobile, auto (m), autotaxi (m)	таксомоторъ (m) vettura (f) da piazza, fiacre (m) automobile coche (m) de plaza, fiacre (m) automóvil, taxi-auto (m)
7	Krankenwagen (m) ambulance, ambulance vehicle voiture (f) [pour le transport] de malades	карета (f) для перевозки больныхъ omnibus (m) ambulanza coche (m) [para el transporte] de enfermos
8	Fassungsvermögen (n) carrying capacity contenance (f) d'une voiture	вмѣстимость (f) capacità (f) d'una vettura capacidad (f) de un coche
9	Platzzahl (f) carrying *or* seating capacity nombre (m) de places	число (n) мѣстъ numero (m) dei posti número (m) de asientos
10	Sitzplatz (m) seat place (f) assise, siège (m)	мѣсто (n); сидѣніе (n) posto (m) a sedere plaza (f), asiento (n)

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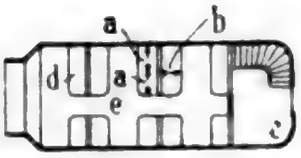
Anordnung (f) der Sitzplätze seating arrangement, arrangement of the seats disposition (f) des sièges		расположеніе (n) мѣстъ *или* сидѣній disposizione (f) dei sedili disposición (f) de los asientos	*1*
Sitzbreite (f) für die Person width of seat per person, width of seating space per person largeur (f) de siège, largeur (f) par personne assise	a	ширина (f) сидѣнія на человѣка larghezza (f) del sedile anchura (f) del asiento, anchura (f) por persona sentada	*2*
Sitztiefe (f) depth of seat profondeur (f) du siège	b	глубина (f) сидѣнія profondità (f) del sedile profundidad (f) del asiento	*3*
Sitzhöhe (f) height of seat hauteur (f) du siège		высота (f) сидѣнія altezza (f) del sedile altura (f) del asiento	*4*
Stehplatz (m) standing room place (f) debout	c	мѣсто (n) стоять posto (m) in piedi plaza (f) de pie	*5*
Querbank (f) transverse seat, "garden seat" banc (m) *ou* banquette (f) transversal[e]	d	поперечная скамья (f) banco (m) *o* panca (f) trasversale banco (m) *ó* banqueta (f) transversal	*6*
Mittelgang (m) central passage *or* gangway passage (m) du milieu, couloir (m)	e	средній проходъ (m) corridoio (m) pasillo (m) central	*7*
Doppeltür (f) double door porte (f) double *ou* à vantaux *ou* à battants		двойная дверь (f); двустворчатая дверь porta (f) doppia *od* a battenti puerta (f) doble *ó* de batientes	*8*
Schieb[e]tür (f) sliding door porte (f) glissante		задвижная дверь (f) porta (f) scorrevole *od* a carrello puerta (f) de corredera	*9*
Decksitz (m) outside seat place (f) d'impériale		мѣсто (n) на имперіалѣ posto (m) sull'imperiale plaza (f) del imperial	*10*
Längsbank (f) side seats, seats arranged lengthways banc (m) longitudinal	 a	продольная скамья (f) banco (m) *o* panca (f) longitudinale banco (m) longitudinal	*11*

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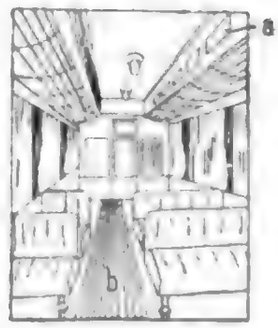
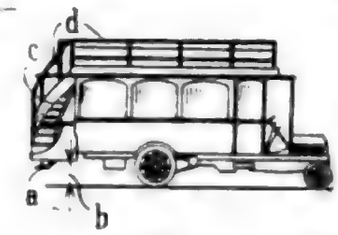
1	Innenmaße (n pl) des Wagens internal dimensions of the vehicle dimensions (f pl) intérieures d'une voiture		внутренніе размѣры (m pl) коляски dimensioni (f pl) interne della vettura dimensiones (f pl) interiores de un coche
2	Verdeckstütze (f) roof support, upright support (m) du toit *ou* pavillon, colonnette (f), cerceau (m), montant (m)		подпорка (f) *или* стойка (f) экипажнаго верха colonnetta (f), piantone (m) del tetto soporte (m) del techo, cerco (m) *ó* montante (m) del pabellón
3	Luftklappe (f) ventilator panneau (m) d'aérage	 a	фортка (f) ventilatore (m), finestrino (m) di aerazione abertura (f) de ventilación
4	Lattenrost (m) grating of laths claire-voie (f), grille (f) de lattes	b	половая рѣшётка (f) reticolato (m) di assicelle enlatado (m) para el piso
5	Aufstieg (m) step, mounting step marche-pied (m)	 a	подножка (f) montatoio (m) estribo (m)
6	Trittbrett (n) foot board marche (f) du marche-pied	a	доска (f) подножки; ступенька (f) подножки predellino (m) escalón (m) del estribo
7	Einstieghöhe (f) height of entrance *or* step from ground hauteur (f) de l'entrée, hauteur (f) du marche-pied	b	высота (f) подножки altezza (f) di entrata altura (f) del estribo
8	Wendeltreppe (f) winding steps *or* staircase escalier (m)	c	винтовая лѣстница (f) scala (f) a chiocciola escalera (f)
9	Stufe (f) step marche (f), degré (m)		ступень (f) scalino (m), gradino (m) escalón (m), grada (f)
10	Geländer (n) rail, hand rail, guard rampe (f) [d'escalier] garde-fou (m), garde-corps (m)	d	перила (n pl) parapetto (m), balaustrata (f) barandilla (f)

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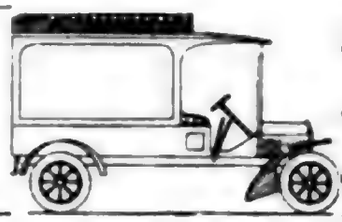
Verdeckleiter (f)
roof ladder
échelons (m pl) d'impériale

лѣстница (f), ведущая на имперіалъ
scaletta (f) dell'imperiale
escalera (f) del imperial
1

Lastwagenoberbau (m)
lorry *or* wagon body
carrosserie (f) de camion *ou* de poids lourd

кузовъ (m) *или* платформа (f) грузовика
carrozzeria (f) da carro per trasporti («camion»)
caja (f) de camión *ó* de gran-peso
2

Reklamewagen (m)
advertising vehicle
camion-réclame (m)



фургонъ (m) для рекламы
carro (m) reclame *o* da pubblicità
camión-reclamo (m)
3

Warenkasten (m)
goods delivery van
caisse (f) de fourgon

ящикъ (m) фургона
cassa (f) per merci
caja (f) de furgón
4

Schweller (m)
bearer, rocker
brancard (m)

швеллеръ (m); швеллерный брусъ (m)
traversa (f)
brancal (m)
5

Grundschweller (m)
base beam *or* rocker
brancard (m) inférieur

основной швеллеръ (m) *или* швеллерный брусъ (m)
traversa (f) del pavimento
travesaño (m) inferior
6

Längsschweller (m)
longitudinal beam *or* rocker
brancard (m) longitudinal

продольный швеллеръ (m); продольный швеллерный брусъ (m)
traversa (f) longitudinale
travesaño (m) longitudinal
7

Querschweller (m)
transverse beam *or* rocker
brancard (m) transversal

поперечный швеллеръ (m); поперечный швеллерный брусъ (m)
traversa (f) trasversale
brancal (m) transversal
8

Bodenbrett (n)
floor-board
planche (f) du plancher

половая доска (f); половица (f) настила
asse (f) del fondo *o* del pavimento
plancha (f) de piso
9

Laderaum (m)
loading space
espace (m) réservé aux paquets *ou* au chargement

помѣщеніе (n) для груза *или* клади
spazio (m) di carico
espacio (m) reservado para la carga
10

Ladefläche (f)
loading area, area *or* surface available for load
surface (f) disponible pour le chargement

площадь (f), предоставляемая подъ кладь
superficie (f) disponibile pel carico
superficie (f) disponible para la carga
11

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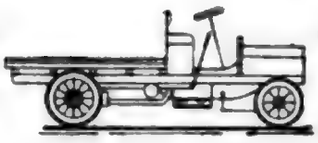
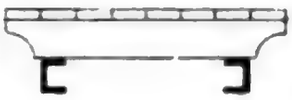
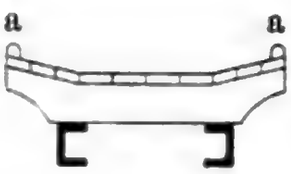
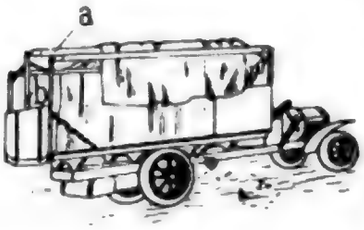
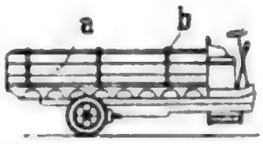
1	Pritschenwagen (m) platform lorry, flat car (A) camion (m) plat, chariot (m) à plate-forme		грузовикъ (m) - платформа (f) camion (m) *o* carro (m) a piattaforma *od* a tavolaccio camión (m) con plataforma
2	Lastwagenpritsche (f) flat top of lorry plate-forme (f) de camion		платформа (f) грузовика tavolaccio (m) per carro plataforma (f) de camión
3	flache Pritsche (f) patform *or* flat top lorry plate-forme (f)		плоская платформа (f) tavolaccio (m) piano plataforma (f)
4	muldenförmige Pritsche (f) tumbrel *or* hopper-shaped wagon camion (m) en forme d'auge		койка (f) tavolaccio (m) a tinozza camión (f) en forma de artesa
5	Randleiste (f) ledge bordure (f), ridelle (f)	a	бортъ (m); планка (f) listello (m) angolare borde (m)
6	Persenningstange (f) tarpaulin pole *or* beam poutre (f) de prélart (toile goudronnée)	 a	брусъ (m) *или* балка (f) для подвѣски брезента asta (f) *o* stanga (f) del prelato (sorta di tela incatramata) viga (f) de sostén de la lona impermeabilizada
7	Persenningstütze (f) tarpaulin stanchion montant (m) de prélart	b	стойка (f), несущая брусъ *или* балку для подвѣски брезента montante (m) del prelato montante (m) del soporte de la tela impermeabilizada
8	Seitenwände (f pl) zum Auf- und Abklappen hinged sides parois (f pl) latérales à rabattement, cloisons (f pl) basculantes	 a	откидныя боковыя стѣнки (f pl); откидные бока (m pl) *или* борта (m pl) pareti (f pl) laterali a ribaltatura, fiancate (f pl) ribaltabili paredes (f pl) laterales basculantes, bordes (m pl) de charnela
9	Wagenrunge (f) short stanchion, pin bar rancher (m) [du chariot à ridelle]	b	короткая стойка (f) stante (m) della vettura telero (m) *ó* estaca (f) de carro

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Faßbierwagen (m), Biertransportwagen (m)
brewers' lorry, brewers' dray
camion (m) de brasseur

платформа (f) для перевозки пива
carro (m) da birraio, carro (m) pel trasporto della birra
camión (m) para transportar cerveza

1

Langbaum (m)
perch, reach
perche (f) pour maintenir les tonneaux

a

дрога (f)
albero (m) longitudinale
pértiga (f) de asegurar los toneles

2

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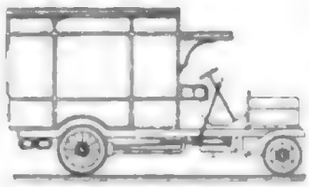
beschlagener Langbaum (m)
armoured longitudinal beam
perche (f) avec ferrures

дрога (f), окованная желѣзомъ
trave (f) longitudinale ferrata *o* guarnita di ferro
pértiga (f) con guarnición de hierro

3

Kastenwagen (m)
van, delivery van
camion (m) avec caisse, fourgon (m), voiture (f) de livraison



фургонъ (m)
camion (m) *o* carro (m) a cassa, furgone (m)
furgón (m), camión (m) de repartir

4

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geschlossener Lastwagenkasten (m)
closed delivery van body
caisse (f) fermée de camion

закрытѣй ящикъ (m) фургона
cassa (f) da carro chiusa
caja (f) cerrada de camión

5

Lastwagen (m) mit abnehmbarem Dach
van *or* delivery van with detachable top
auto-camion (m) *ou* chariot (m) automobile à pavillon *ou* à toit démontable

грузовикъ (m) со съёмной крышей
carro (m) da trasporto con tetto smontabile
auto-camión (m) *ó* carro (m) automóvil con pabellón *ó* techo desmontable

6

Transportwagen (m) mit abnehmbarem Kasten
delivery vehicle with lift off van body
auto-camion (m) *ou* chariot (m) automobile à caisse démontable

грузовикъ (m) со съёмнымъ ящикомъ
carro (m) da trasporto con cassa smontabile
auto-camión (m) *ó* carro (m) automóvil con caja *ó* cesta desmontable

7

Kippwagen (m)
tip *or* tipping lorry *or* wagon
voiture (f) basculante, chariot (m) *ou* wagon (m) basculant *ou* à caisse *ou* à benne, tombereau (m) automobile

грузовикъ (m) съ опрокидывающимся кузовомъ
carro (m) con cassa rovesciabile, vettura (f) a bilico
coche (m) *ó* carro (m) basculante, vagón (m) basculante *ó* de cesta basculante, volquete (m) automóvil

8

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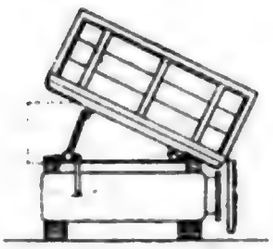


1 Seitenkipper (m)
side tipper, side tipping wagon *or* lorry
chariot (m) *ou* wagon (m) basculant latéralement

грузовикъ (m) съ опрокидывающимся на бокъ кузовомъ
carro (m) con cassa rovesciabile lateralmente, vettura (f) a bilico laterale
vagón (m) basculante lateralmente

2 Muldenkipper (m)
tipping tumbrel wagon
tombereau (m) basculant

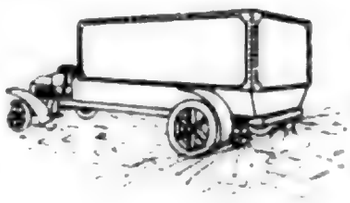
грузовикъ (m) съ опрокидывающимся корытообразнымъ кузовомъ
carro (m) a tinozza rovesciabile
volquete (m)

3 Turmwagen (m)
tower wagon
camion (m) à échafaudage (pour la réparation des lignes électriques)

платформа (f) съ вышкой [для исправленія проводовъ]
carro (m) a castello, carro-palco (m), carro (m) ad impalcatura (per la riparazione delle linee elettriche)
camión (m) andamio (para reparaciones de líneas eléctricas

4 Müllabfuhrwagen (m)
dust cart, dust van
tombereau (m) *ou* chariot (m) de transport des ordures

повозка (f) для перевозки мусора
carro (m) per trasporto delle immondizie
volquete (m) para transporte de las basuras



5 Sprengwagen (m)
street watering vehicle
voiture (f) d'arrosage

повозка (f) для поливки улицъ
carro-botte (m) inaffiatore
regadora (f) automóvil

6 Straßenwaschmaschine (f)
street cleaning machine, street cleaning vehicle
voiture (f) pour le nettoyage des rues

повозка (f) для чистки улицъ
lavatrice (f) stradale automobile
coche (m) para limpieza de las calles

7 selbstfahrende Straßenkehrmaschine (f)
motor street brush
autobalayeuse (f)

самодвижущаяся повозка (f) для подметанія улицъ
spazzatrice (f) automobile
barredera (f) automóvil

8 Lackierung (f)
varnishing
vernissage (m)

лакировка (f); покрытіе (n) лакомъ
verniciatura (f)
barnizado (m)

9 Lack (m)
varnish, lacquer
vernis (m)

лакъ (m)
lacca (f), vernice (f)
barniz (m)

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farbloser Lack (m) transparent lacquer vernis (m) incolore *ou* transparent	безцвѣтный *или* прозрачный лакъ (m) lacca (f) *o* vernice (f) incolore *o* trasparente barniz (m) incoloro *ó* transparente	*1*
Lackierer (m) varnisher, painter vernisseur (m)	лакировщикъ (m) verniciatore (m) barnizador (m)	*2*
lackieren (v) to varnish, to lacquer vernir (v)	лакировать; крыть лакомъ verniciare (v) barnizar (v)	*3*
färben (v) to colo[u]r, to dye, to stain colorer (v), teinter (v)	красить colorare (v), tingere (v) colorear (v), tintar (v)	*4*
anstreichen (v) to paint peindre (v), donner (v) une couche de peinture à . . .	окрашивать; выкрасить pitturare (v), dare (v) una mano di colore pintar (v), dar (v) una capa de pintura	*5*
Anstrich (m) coat of paint peinture (f)	окраска (f) coloritura (f), pittura (f) pintura (f)	*6*
Anstreicher (m) painter peintre (m)	маляръ (m) verniciatore (m), tintore (m) pintor (m)	*7*
Maler (m) painter peintre (m) décorateur	маляръ (m) pittore (m) pintor (m) decorador	*8*
Firnis (m) varnish vernis (m)	лакъ (m); олифа (f) patina (f), vernice (f) barniz (m)	*9*
firnissen (v), mit Firnis überziehen (v) to varnish, to coat with varnish vernir (v), donner (v) une couche *ou* plusieurs couches de vernis	лакировать; покрывать лакомъ; олифить verniciare (v) barnizar (v), dar (v) una *ó* varias capas de barniz	*10*
Farbe (f) colour, paint couleur (f), teinte (f)	цвѣтъ (m) colore (m) color (m)	*11*
Farbe (f), Farbmittel (n) colour, colouring matter couleur (f)	краска (f) tinta (f), colore (m) color (m)	*12*
weiß (adj) white (adj) blanc (adj)	бѣлый bianco (agg) blanco (adj)	*13*
elfenbeinfarbig ivory coloured couleur d'ivoire	цвѣта слоновой кости colore d'avorio color marfil	*14*

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1	automobilrot (adj) automobile red (adj) rouge (adj) automobile	тёмно-красный rosso (agg) d'automobile rojo (adj) cereza
2	perlgrau (adj) pearl grey (adj) gris (adj) perle	жемчужно-сѣрый; перловый grigio (agg) perla gris (adj) perla
3	grün (adj) green (adj) vert (adj)	зелёный verde (agg) verde (adj)
4	blau (adj) blue (adj) bleu (adj)	голубой; синій bleu (agg), azzurro (agg) azul (adj)
5	gelb (adj), postgelb (adj) yellow (adj) jaune (adj)	жёлтый giallo (agg) amarillo (adj)
6	Grundierfarbe (f) ground colour, grounding couleur (f) d'apprêt, première couche (f)	грунтъ (m) primo strato (m) di colore, prima mano (f) di vernice primera capa (f), color (m) de apresto
7	grundieren (v) to ground, to give the first coat donner (v) la couche de fond *ou* la première couche	грунтовать dare (v) il primo strato di vernice *o* di colore dar (v) la capa de fondo *ó* la primera capa
8	Maschinenfarbe (f) engine grey, grey colour, plate colour couleur (f) pour machines	краска (f) для машинъ grigio (m) da macchina color (f) para máquinas
9	Ölfarbe (f) oil colour couleur (f) à l'huile	масляная краска (f) colore (m) ad olio color (f) al óleo
10	einen Wagenkasten spachteln (v) to stop *or* putty *or* fill the joints of a body mastiquer (v) les joints d'une caisse, parer (v) une caisse, boucher (v) les trous au mastic	шпаклевать корпусъ экипажа stuccare (v) una scocca emplastar (v) las juntas de una caja, tapar (v) los agujeros con mástic
11	Spachtelfarbe (f) filling colour, filling-up mastic (m) coloré	шпаклёвка (f) mastice (m) colorato mástic (m) coloreado
12	einen Wagenkasten vorlackieren (v) to gold size a body donner (v) à une caisse la couche d'apprêt de vernis	подвергнуть кузовъ первой лакировкѣ dare (v) alla scocca lo strato di fondo per la vernice dar (v) á una caja la capa de apresto *ó* preparatoria de barniz

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„Vorlack" (m) gold size vernis (m) d'apprêt	лакъ (m) для первой лакировки tinta (f) di fondo *o* di prima mano barniz (m) de apresto	1
schleifen (v) to rub down polir (v)	шлифовать pomiciare (v) pulir (v), alisar (v)	2
mit Bimsstein abschleifen (v) to rub down with pumice stone poncer (v)	шлифовать пемзой lisciare (v) alla pietra pomice apomazar (v)	3
Grundlack (m) ground *or* first coat of varnish première main (f) de vernis	грунтовый лакъ (m) lacca (f) di prima mano primera mano (f) de barniz	4
Überzuglack (m) second *or* rubbing-down coat of varnish seconde main (f) de vernis	лакъ (m) для второго крытія lacca (f) di seconda mano segunda mano (f) de barniz	5
Decklack (m) finishing coat of varnish brillant (m) à finir	лакъ (m) для послѣдняго крытія lacca (f) di ultima mano *o* di copertura última capa (f) de barniz	6
Absetzlinie (f) setting off line filet (m)	отводка (f); цировка filetto (m) filete (m)	7
absetzen (v) to line (v) peindre (v) les filets	наносить отводки; цировать dipingere (v) i filetti pintar (v) los filetes	8
bronzieren (v) to bronze bronzer (v)	бронз[ир]овать bronzare (v) broncear (v)	9
Bronzierung (f) bronzing bronzage (m)	бронз[ир]ованіе (n); бронзировка (f) bronzatura (f) bronceado (m)	10
Pinsel (m) brush, pencil pinceau (m)	кисть (f) pennello (m) pincel (m)	11
Sattler (m) saddler sellier (m)	шорникъ (m); шорный мастеръ (m) sellaio (m) sillero (m)	12
polstern (v) to upholster capitonner (v), rembourrer (v)	набить, набивать imbottire (v), guarnire (v) almohadillar (v)	13

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1	Lederpolsterung (f) leather upholstery capitonnage (m) en cuir	кожаная обивка (f) guarnitura (f) *o* imbottitura (f) di cuoio almohadillado (m) de cuero
2	Lackleder (n) patent leather cuir (m) verni	лакированная кожа (f) cuoio (m) verniciato cuero (m) barnizado
3	Tuch (n) cloth drap (m)	сукно (n) panno (m) paño (m)
4	Cordestoff (m) corded material, corded cloth, twill velours (m) à côtes	рубчатая матерія (f) stoffa (f) rigata terciopelo (m) labrado
5	Saffianleder (n) morocco leather maroquin (m)	сафьянъ (m) marocchino (m) marroquí (m), cuero (m) preparado
6	Kunstleder (n) imitation leather cuir (m) imité, imitation (f) de cuir	имитація (f) кожи; поддѣлка (f) подъ кожу cuoio (m) artificiale, imitazione (f) di cuoio imitación (f) de cuero
7	Schutzüberzug (m) cover housse (f)	чехолъ (m) sovra-coperta (f) funda (f)
8	glatte Polsterung (f) smooth upholstery rembourrage (m) à surface unie *ou* plate	гладкая обивка (f) guarnitura (f) *o* imbottitura (f) unita almohadillado (m) de superficie unida
9	abgeheftete Polsterung (f) sewn *or* buttoned upholstery capitonnage (m) à rembourrage piqué	стёганная обивка (f); обивка въ складку *или* въ простёжку guarnitura (f) *o* imbottitura (f) trapuntata almohadillado (m) picado
10	Sitzkissen (n) seat cushion coussin (m) [de siège]	подушка (f) для сидѣнія cuscino (m) di sedile cojín (m) de asiento
11	Kissenrahmen (m) cushion frame parclose (f)	рама (f) для подушки cornice (f) del cuscino banqueta (f)
12	Sprungfederkissen (n) spring cushion coussin (m) à ressorts	пружинная подушка (f); подушка на пружинахъ cuscino (m) a molle cojín (m) de resorte
13	Besatz (m) bordering, trimming garniture (f), passementerie (f)	басонъ (m) passamanteria (f) vestidura (f) pasamaneria

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Einfassung (f) trimming bordure (f) de garniture	обивка (f) guarnizione (f) galón (m) de vestidura ó guarnición	1
Borte (f) broiding, cording bordure (f), galon (m) de passementerie	бордюръ (m); галунъ (m); басонъ (m) gallone (m) galón (m) de pasamanería	2
Tuchausschlag (m) cloth trimmings bordure (f) *ou* bande (f) en drap (au plafond *ou* sur les parois)	суконная обивка (f) appendice (f) *o* copertina (f) in panno banda (f) de paño (en el techo ó sobre las paredes)	3
Blende (f) blind garniture (f) posée en biais	біэ (n); обивка (f) косыми полосками fintino (m) vestidura (f) puesta oblicuamente	4
Tasche (f) pocket poche (f)	карманъ (m) tasca (f) bolsillo (m), bolsa (f)	5
Huthalter (m), Hutleiter (f) hat rack patère (f), porte-manteau (m)	шляподержатель (m) portacappelli (m) gancho (m) para colgar sombreros y vestidos, cuelga-ropas (m)	6
Armschlinge (f), Armgurt (m) arm strap brassière (f)	навѣсная ручка (f) bracciaiuola (f), cinghia-portabraccio (f) cinta (f) para apoyar el brazo	7
Gepäcknetz (n) parcel net filet (m) à bagages	сѣтка (f) для багажа rete (f) per bagagli red (f) para equipajes	8
Kleiderhaken (m) clothes hook porte-manteau (m)	крючокъ (m) для платья gancio (m) portamantello percha (f), gancho (m) para colgar vestidos ó ropas	9
Fußdecke (f), Fußmatte (f) carpet, mat tapis (m), natte (f)	ковёръ (m); коврикъ (m) tappeto (m), stuoia (f), pedana (f) alfombra (f), estera (f)	10
Springvorhang (m) spring blind, spring curtain rideau (m) à enroulement automatique	автоматически наматывающаяся занавѣска (f) tendina (f) ad avvolgimento automatico visillo (m) ó cortinilla (f) de arrollamiento automático	11

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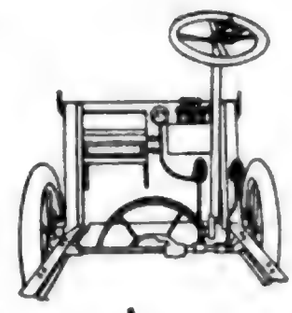
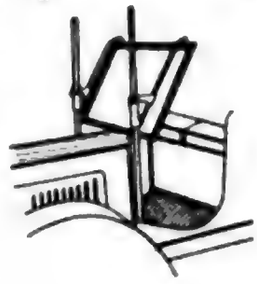
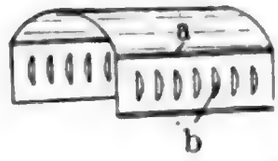
IX.

Ausrüstung des Wagens Equipment of the Car Équipement de la voiture	Оборудованіе коляски Equipaggiamento della vettura Equipo del coche
Zubehörteil (m) 1 accessory, supply accessoire (m)	принадлежность (f) accessorio (m) accesorio (m)
Ausstattung (f) 2 fittings (pl), equipment, finish garnissage (m)	отдѣлка (f) corredo (m) guarnición (f)
Spritzbrett (n), Stirnwand (f) 3 dash board, dash tablier (m)	щитокъ (m); передняя стѣнка (f); передняя доска (f), отдѣляющая сидѣнія отъ двигателя cruscotto (m) tablero (m)
Windschutz (m), Glasscheibe (f), Vorderscheibe (f) 4 front screen, front glass, glass screen, wind screen glace (f) brise-vent	переднее стекло (n) для защиты отъ вѣтра cristallo (m) para-vento vidrio (m) corta-viento
Haube (f), Motorhaube (f) 5 bonnet, engine bonnet capot (m)	капотъ (m) автомобиля; носъ (m) автомобиля; кожухъ (m) двигателя cofano (m) capó (m), cubierta (f) del motor
Haubenscharnier (n) 6 bonnet hinge charnière (f) de capot	шарниръ (m) капота; петли (f pl) кожуха cerniera (f) del cofano charnela (f) del capó ó de la cubierta
Luftschlitz (m) louvre 7 orifice (m) d'aérage (de capot), persienne (f) capot	прорѣзъ (m) для воздуха apertura (f) d'aria, finestra (f) del cofano orificio (m) de ventilación, boca (f) de aire







a

b

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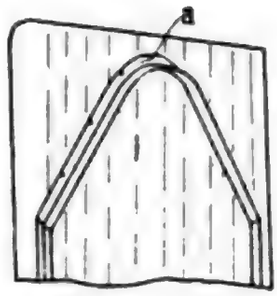
Haubenschloß (n)
bonnet catch
serrure (f) de capot, fermeture (f) de capot

запоръ (m) кожуха
serramento (m) per cofano, chiusura (f) del cofano
cierre (m) del capó *ó* de la cubierta 1

Haubenleiste (f)
bonnet rest, bonnet supporting ledge on dashboard
bande (f) de fixage de capot



a

плинтусъ (m) (закраина) (f) кожуха на переднемъ щиткѣ [для установки капота]
cornice (f) per cofano
listón (m) de fijación de la cubierta 2

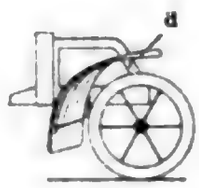
Haubendeckel (m), Lüftungsklappe (f)
bonnet top
panneau (m) de ventilation à charnière de capot

крышка (f) капота *или* кожуха
sportello (m) del cofano
puerta (f) de charnela para ventilación del capó 3

Kot (m)
mud
boue (f)

грязь (f)
fango (m)
barro (m) 4

Kotflügel (m), Kotschützer (m)
mud guard, mud protector, wing
aile (f) [garde-boue]



a

щитъ (m) *или* крыло (n) [отъ грязи]
parafango (m)
salva-barros (m) 5

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vorderer Kotflügel (m)
front mud guard, front wing
aile (f) [d']avant, aile (f) de roue avant

передній щитъ (m); крыло (n) на переднемъ колесѣ
parafango (m) anteriore
aleta (f) [del salva-barros] de la rueda delantera 6

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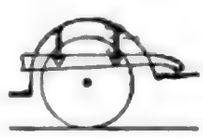
hinterer Kotflügel (m)
rear mud guard, back *or* rear wing
aile (f) [d']arrière, aile (f) de roue arrière



задній щитъ (m); крыло (n) на заднемъ колесѣ
parafango (m) posteriore
aleta (f) [del salva-barros] de la rueda trasera 7

Kotflügelkante (f) mit Drahteinlage
mud guard edge bead with wire insertion
bord (m) d'aile à fil métallique de renfort

край (m) крыла *или* щитка съ проволочной прокладкой
orlo (m) di parafango con fil di ferro interno
borde (m) de aleta con varilla metálica de refuerzo 8

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eingerollter Draht (m) zur Versteifung des Kotflügels
1 insertion wire for stiffening mud guards
fil (m) métallique pour le renforcement de l'aile en tôle

проволочная прокладка (f) въ ушкахъ крыла *или* щита для укрѣпленія его
filo (m) di ferro per l'irrigidimento del parafango di lamiera
varilla (f) metálica para refuerzo de la aleta de palastro

Kotflügel (m) mit umgebördelter Kante
2 mud guard with moulding, moulded mud guard
aile (f) à bord rabattu

щитъ (m) *или* крыло (n) съ отогнутымъ краемъ
parafango (m) con orlo rivoltato
aleta (f) de bordes rebatidos

Kotflügel (m) mit Winkelkanten
3 mud guard with valance, mud guard with overturned *or* drip edges
aile (f) à bords en fer cornière

щитъ (m) *или* крыло (n) съ краями изъ углового желѣза
parafango (m) con orlo di ferro ad angolo
aleta (f) con reborde de hierro en escuadra

Lederlappen (m) für den Kotflügel
4 leather flap for mud guards
bavoir (m) en cuir pour l'aile

кожаный передникъ (m) *или* фартукъ (m), прикрѣплённый къ щиту
riparo (m) di cuoio per parafango
prolongamiento (m) de la aleta por una pieza de cuero

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seitlich geschlossener Kotflügel (m)
5 mud guard closed in at the side
aile (f) à bajoue

закрытый сбоку щитъ (m); закрытое сбоку крыло (n)
parafango (m) lateralmente chiuso
aleta (f) cerrada lateralmente

Spaltleder (n), Glänzleder (n)
6 enamelled *or* patent leather
cuir (m) verni *ou* brillant

лакированная кожа (f)
cuoio (m) in due parti, cuoio (m) lucido *o* verniciato
cuero (m) barnizado *ó* charolado

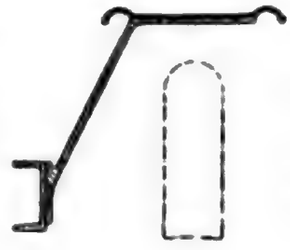
Kotflügel (m) aus gestepptem Leder mit Eisenrahmen
7 mud guard of quilted leather on iron frame
aile (f) en cuir piqué avec cadre en fer

крыло (n) изъ простроченной кожи съ желѣзной рамой
parafango (m) di cuoio trapuntato con telaio di ferro
aleta (f) de cuero picado con marco de hierro

Kotflügelbefestigung (f)
8 mud guard attachment
fixation (f) de l'aile

прикрѣпленіе (n) щита *или* крыла
attacco (m) del parafango
suspensión (f) de la aleta

a



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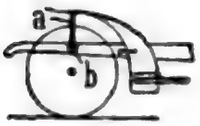
Kotflügelstütze (f)
mud guard support
support (m) d'aile



a

державка (n) крыла; стойка (f) щита
sopporto (m) del parafango
sostén (m) de la aleta

1

Dreieckflansch (m)
three cornered *or* triangular flange
bride(f) triangulaire

b

треугольный фланецъ (m)
flangia (f) triangolare
brida (f) triangular

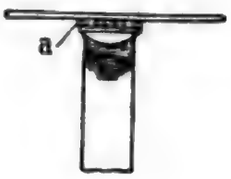
2

Klappern (n), Rappeln (n)
rattle, rattling
cliquetis (m)

дребезжаніе (n)
scricchiolio (m), scricchiolamento (m)
ruido (m) de la trepidación

3

Filzzwischenlage (f)
felt packing
couche (f) intermédiaire de feutre

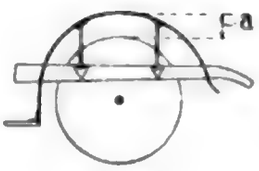


a

прокладка (f) изъ войлока
strato (m) intermedio di feltro
capa (f) intermedia de fieltro

4

Abstand (m) zwischen Radoberkante und Kotflügel (größte zulässige Durchfederung)
clearance between the wheel (with tyre) and wing (maximum permissible spring movement)
garantie (f)



a

разстояніе (n) между верхнимъ краёмъ колеса и щиткомъ; наибольшій допустимый прогибъ (m) рессоры
spazio (m) di molleggiamento fra parafango e ruota
garantia (f), intervalo (m) entre el salvabarros y la rueda

5

Kotflügeleinstecköse (f)
mud guard fixing socket
œil (m) d'accrochage d'aile

ушко (n) для щита *или* крыла
occhio (m) per l'attacco del parafango
ojo (m) de sujeción de la aleta

6

Kotflügelhalter (m)
mud guard bracket
crochet (m) d'aile

державка (f) крыла; стойка (f) щита
gancio (m) del parafango
gancho (m) de la aleta

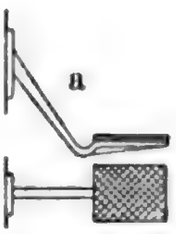
7

Kotflügel (m) aus Segeltuch
canvas mud guard
aile (f) en toile à voile

парусиновое крыло (n); парусиновый щитъ (m)
parafango (m) di tela da vela
aleta (f) de lona

8

Auftritt (m)
foot board, step
marchepied (m)



подножка (f)
montatoio (m), pedana (f)
estribo (m)

9

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Auftritt (m) mit aufgenieteter Trittplatte
step with riveted-on plate
marchepied (m) avec marche rivetée

подножка (f) съ приклёпанной сверху ступенькой
montatoio (m) con piastra inchiodata
estribo (m) con piso ribeteado

1

Auftrittstütze (f), Trittbretthalter (m)
step support *or* bracket support (m) de marchepied, ferrure (f) de marchepied

a

опора (f) *или* стойка (f) подножки
sopporto (m) del montatoio
apoyo (m) *ó* herraje (m) del estribo

2

Trittbrett (n)
long side step, running platform step
marche (f) *ou* planchette (f) du marchepied

подножка (f) [длинная]
marciapiede (m), pedana (f)
piso (m) del estribo

3

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durch Druckstange verbundene Trittbretthalter (m pl)
platform step brackets connected by tie rod
supports (m pl) de marchepied réunis par un tirant

опоры (f pl) *или* стойки (f pl) подножки, соединённыя тягой
sopporti (m pl) del marciapiede collegati con traversina
soportes (m pl) del estribo arriostrados entre si

4

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gerippter Gummiteppich (m)
grooved rubber matting
tapis (m) de caoutchouc à côtes

ребристый резиновый ковёръ (m) *или* коврикъ (m)
tappeto (m) di gomma rigato
alfombra (f) de goma estirada

5

Trittbrettbekleidung (f) aus Gummi oder Linoleum
rubber or linoleum step covering
revêtement (m) de marchepied en caoutchouc ou linoléum

обкладка (f) *или* обшивка (f) подножки изъ резины *или* линолеума
ricopertura (f) del marciapiede in gomma *o* linoleum
revestimiento (m) del estribo de goma *ó* de linoleum

6

Metallrandleiste (f)
metal edging strip
bordure (f) métallique du marchepied

металлическій бортъ (m); оковка (f)
inquadratura (f) metallica, cornice (f) metallica
borde (m) metálico del estribo

7

Einstieg (m)
entrance, door
entrée (f)

входъ (m)
entrata (f)
entrada (f)

8

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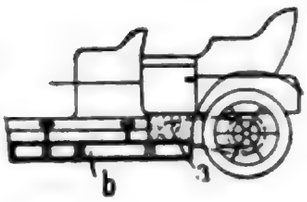
Kettenschutzkasten (m) als Aufstieg
chain cover *or* case arranged as a step
carter (m) de chaine formant marchepied



предохранительная коробка (f) для цѣпи, служащая подножкой
copricatena (m) formante montatoio
cubierta (f) *ó* carter (m) de la cadena formando estribo *1*

Trittbrett (n) als Werkzeugkasten
step arranged as tool box
marchepied (m) [formant] caisse à outils

b

подножка (f) съ ящикомъ для инструментовъ
cassetta (f) utensili formante montatoio
estribo (m) con caja de herramientas inferior *2*

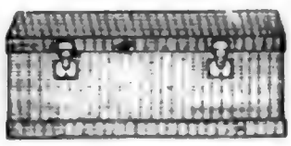
Automobilkoffer (m)
motor car trunk, motor touring trunk
coffre (m) d'automobile

автомобильный чемоданъ (m)
baule (m) da automobile
arca (f) *ó* baúl (m) *ó* cofre (m) de automóvil *3*

Verdeckkoffer (m)
roof trunk
coffre (m) de pavillon

чемоданъ (m) для экипажнаго верха
baule (m) pel tetto
cofre (m) para la galería *4*

Seitenkorb (m)
side basket
panier (m) latéral *ou* à disposer sur les ailes



корзина (f), помѣщаемая сбоку
cesta (f) laterale
cesta (f) lateral *5*

Schirmkorb (m), Stockkorb (m), Säbelkorb (m)
umbrella *or* stick *or* sword basket *or* holder
panier (m) porte-cannes

корзина (f) для зонтиковъ; корзина для тростей; корзина для сабель
cestino (m) portabastoni e ombrelli
cesta (f) porta-paraguas *6*

Reifenkoffer (m)
tyre case
coffre (m) à bandages, coffre (m) à pneu[matique]s

футляръ (m) для шинъ
baule (m) per copertoni di gomma *o* per pneumatici
caja (f) para bandajes *ó* neumáticos *7*

Reifenhülle (f)
tyre protector, spare tyre protector
housse (f) *ou* chemise-housse (f) de bandage

чехолъ (m) для шины
custodia (f) *o* fodera (f) per copertone di gomma *o* per pneumatico
funda (f) para bandajes *8*

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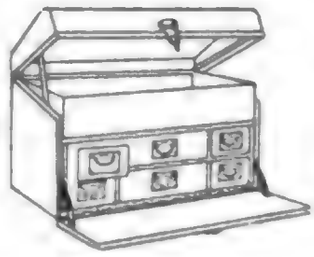
Schlauchtasche (f), Schlauchsack (m)
1 spare tube case, case for inner tubes
poche (f) de chambre à air

сумка (f) для камеръ; мѣшокъ (m) для воздушныхъ трубокъ *или* камеръ
sacchetto (m) per camera d'aria
bolsa (f) para cámara de aire



Werkzeugkoffer (m)
2 tool chest, tool cabinet
coffre (m) à outils

чемоданъ (m) для инструментовъ
cassa (f) a scompartimenti per utensili
caja (f) de herramientas

Werkzeugtasche (f)
3 tool bag
trousse (f) à outils

сумка (f) для инструментовъ
borsa (f) da utensili
bolsa (f) de herramientas

Werkzeugkasten (m)
4 tool box
caisse (f) à outils

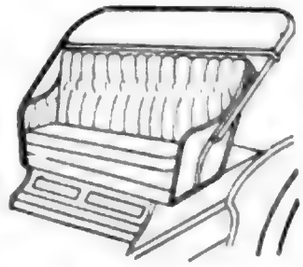
ящикъ (m) для инструментовъ
scatola (f) *o* cassetta (f) per utensili
caja (f) de herramientas

Werkzeugkasten (m) mit Einsatz
tool box with removable
5 trays *or* inserts
caisse (f) à outils avec compartiments amovibles

ящикъ (m) для инструментовъ съ вынимающимися отдѣленіями
cassetta (f) per utensili con scompartimenti amovibili
caja (f) de herramientas con divisiones móviles

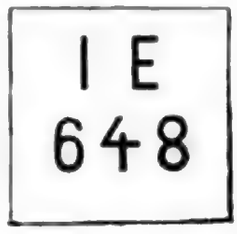
Werkzeugkasten (m) mit ausgefrästen Vertiefungen für Werkzeuge
6 tool box with shaped recesses for tools
caisse (f) à outils avec encoches fraisées pour outils

ящикъ (m) съ гнѣздами для инструментовъ
cassetta (f) per utensili con intagliatura per ogni pezzo
caja (f) de herramientas con entalladuras *ó* separaciones fresadas para cada una



Staubschutzsegel (n)
dust screen, dust pro-
7 tecting screen
bâche (f) protectrice de la poussière

парусиновый щитокъ (m) отъ пыли
vela (f) parapolvere
guardapolvo (m) de lona



vorschriftmäßiges Nummernschild (n)
8 regulation number plate
plaque (f) réglementaire

номерная жестянка (f) *или* номерный знакъ (m) согласно предписанію
placca (f) *o* targa (f) regolamentare
placa (f) reglamentaria

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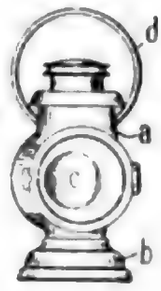
Nummernbeleuchtung (f) illumination of number éclairage (m) du numéro		освѣщеніе (n) номера illuminazione (f) del numero iluminación (f) del número	1
elektrisch beleuchtetes Nummernschild (n) electrically lighted *or* illuminated number plate plaque (f) à numéro éclairée électriquement *ou* à l'électricité		номерная жестянка (f), освѣщаемая электричествомъ; номерной знакъ (m), освѣщаемый электричествомъ placca (f) regolamentare ad illuminazione elettrica placa (f) de número alumbrada electricamente	2
Beleuchtung (f) illumination, lighting éclairage (m)		освѣщеніе (n) illuminazione (f) alumbrado (m)	3
Laterne (f) lamp, lantern lanterne (f), feu (m)		фонарь (m) fanale (m), lanterna (f) linterna (f), farol (m)	4
Laternengehäuse (n) lamp casing carcasse (f) *ou* boite (f) de lanterne	a	корпусъ (m) фонаря corpo (m) del fanale cuerpo (m) de linterna	5
Laternenfuß (m) lamp base pied (m) de lanterne	b	ножка (f) *или* основаніе (n) фонаря piede (m) del fanale pie (m) de la linterna	6
Strahlspiegel (m), Reflektor (m) reflector réflecteur (m)	c	рефлекторъ (m) riflettore (m) reflector (m)	7
Tragbügel (m) bail handle, carrying handle *or* ring [étrier (m) de] suspension (f)	d	кольцо (n) [для ухвата]; ручка (f) [для переноса] staffa (f) di sopporto [estribo (m) de] suspensión (f)	8
Lichtstrahl (m) beam *or* ray of light rayon (m) lumineux *ou* de lumière		свѣтовой лучъ (m) raggio (m) di luce rayo (m) luminoso *ó* de luz	9
Leuchtkraft (f), Lichtstärke (f) illuminating power, candle power brilliancy pouvoir (m) éclairant, intensité (f) lumineuse		сила (f) свѣта forza (f) illuminante, potenza (f) luminosa poder (m) de iluminación, intensidad (f) del alumbrado	10

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1	leuchten (v) to light, to emit light éclairer (v)	свѣтить illuminare (v) alumbrar (v)
2	Lichtbereich (m) extent of light projection portée (f) de la lumière	пространство (n), освѣщаемое источникомъ свѣта portata (f) della luce alcance (m) de la luz
3	Lichtkegel (m) cone of light rays cône (m) lumineux *ou* de lumière	свѣтовой конусъ (m); конусъ свѣтовыхъ лучей cono (m) di luce cono (m) luminoso *ó* de luz
4	die Laternen anzünden (v) to light up the lamps allumer (v) les lanternes	зажечь (зажигать) фонари accendere (v) i fanali encender (v) los faroles *ó* las linternas
5	die Laternen auslöschen (v) to extinguish the lamps éteindre (v) *ou* souffler (v) les lanternes	потушить *или* задуть фонари spegnere (v) i fanali apagar (v) los faroles
6	Brenndauer (f) burning capacity durée (f) d'allumage	продолжительность (f) горѣнія durata (f) di combustione duración (f) del alumbrado
7	die Laterne putzen (v) to clean the lamp nettoyer (v) la lanterne	чистить фонарь pulire (v) il fanale limpiar (v) el farol
8	die Lichtstärke regeln (v) to regulate the light régler (v) l'éclairage	регулировать силу свѣта regolare (v) la luce graduar (v) la luz
9	den Docht heraufschrauben (v) to turn up the wick remonter (v) la mèche	вывинтить фитиль; поднять свѣтильню alzare (v) lo stoppino subir (v) la mecha
10	Dochtschraube (f), Dochtverstellschraube (f) wick [adjusting] screw vis (f) régulatrice de la mèche	шестерёнка (f) для регулированія фитиля; винтъ (m) для фитиля; винтъ для подыманія и опусканія свѣтильни vite (f) dello stoppino tornillo (m) regulador de la mecha
11	beleuchten (v) to illumine, to illuminate éclairer (v)	освѣ-тить (-щать) rischiarare (v) alumbrar (v)

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eine Laterne federnd aufhängen (v)
to suspend a lamp on springs, to fix a lamp on a spring support
suspendre (v) une lanterne au moyen de ressorts

подвѣсить фонарь эластично; подвѣсить фонарь на пружинахъ
sospendere (v) un fanale elasticamente
suspender (v) el farol ó la linterna por medio de resortes *1*

Windschutzhaube (f)
wind protecting top, wind cap
capuchon(m) *ou* chapeau (m) servant de paravent

колпакъ (m) для защиты отъ вѣтра
paravento (m)
sombrerete (m) protector del viento *2*

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eine elektrische Lampe einschalten (v)
to switch on an electrical lamp
mettre (v) en circuit *ou* allumer (v) une lanterne électrique

включить электрическій фонарь
mettere (v) in circuito *o* accendere (v) un fanale elettrico
poner (v) en circuito ó encender (v) una linterna eléctrica *3*

Blaker (m)
smoke deflector
plafond (m) de lanterne, plateau (m) fumivore

a

колпачёкъ (m) *или* чашечка (f) надъ ламповымъ стекломъ [для копоти]; уловитель (m) копоти
sviatore (m) di luce
techo (m) de farol *4*

Vorderlaterne (f)
front lamp *or* lanterne
lanterne (f) avant

передній фонарь (m)
fanale (m) anteriore
farol (m) delantero *5*

Seitenlaterne (f)
side lamp, side light
lanterne (f) latérale

боковой фонарь (m)
fanale (m) laterale
farol (m) lateral *6*

Kerzenlaterne (f)
candle lamp
lanterne (f) à bougie

свѣчной фонарь (m)
fanale (m) a candela
farol (m) de bujía *7*

Paraffinkerze (f)
paraffin candle
bougie (f) de paraffine

параффиновая свѣча (f)
candela (f) di paraffina
vela (f) de parafina *8*

Stearinkerze (f)
stearine candle
bougie (f) de stéarine

стеариновая свѣча (f)
candela (f) stearica
vela (f) de estearina *9*

Öllaterne (f)
oil lamp
lanterne (f) à huile

масляный фонарь (m)
fanale (m) ad olio
farol (m) de aceite *10*

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1 Benzinlaterne (f)
lamp burning benzine *or* petrol *or* gasoline (A)
lanterne (f) à essence

бензиновый фонарь (m)
fanale (m) a benzina
farol (m) de esencia

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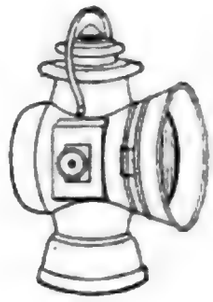
2 Petroleumlaterne (f)
petroleum *or* paraffin lamp
lanterne (f) à pétrole



керосиновый фонарь (m)
fanale (m) a petrolio
farol (m) de petróleo

---

3 Laterne (f) mit Rundbrenner
lamp with circular burner
lanterne (f) à bec rond

фонарь (m) съ круглой горѣлкой
fanale (m) a becco rotondo
farol (m) con mechero redondo *ó* con piquera redonda

---

4 Zylinderlaterne (f)
lamp with chimney
lanterne (f) à cheminée [de verre]

фонарь (m) съ ламповымъ стекломъ
fanale (m) a tubo di vetro
farol (m) con tubo *ó* chimenea *ó* cilindro de vidrio

---

5 Laterne (f) mit Flachbrenner *oder* Breitbrenner
lamp with flat burner
lanterne (f) à bec plat

фонарь (m) съ плоской горѣлкой
fanale (m) a becco piatto
farol (m) de mechero largo

Brenner (m)
burner
bec (m), brûleur (m)

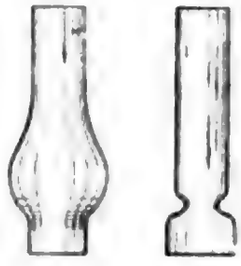
горѣлка (f)
becco (m)
mechero, (m) piquera (f), quemador (m)

---

7 12''' Brenner (m) (zwölf Linien-Brenner)
one inch burner
bec (m) de 12 lignes

двѣнадцати-линейная горѣлка (f)
becco (m) di 12 linee
mechero (m) de 12 lineas

Zylinder (m)
lamp chimney
cheminée (f), verre (m), cylindre (m)



ламповое стекло (n); стеклянный цилиндръ (m)
tubo (m) (di vetro)
tubo (m) de vidrio, chimenea (f), cilindro (m)

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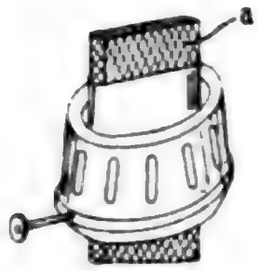
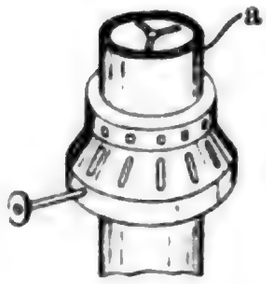
Flachdocht (m)
flat wick
mèche (f) plate



a

плоскій фитиль (m); плоская свѣтильня (f) 1
stoppino (m) piatto
mecha (f) plana

Runddocht (m)
circular wick
mèche (f) ronde



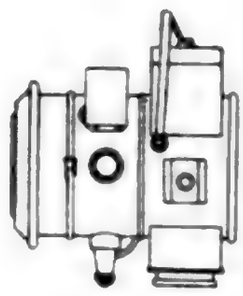
a

круглый фитиль (m); круглая свѣтильня (f)
stoppino (m) rotondo 2
mecha (f) redonda, torcida (f)

Scheinwerfer (m)
searchlight, headlight, head lamp
projecteur (m), phare (m)

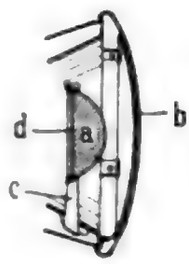
прожекторъ (m); фаръ (m) 3
proiettore (m), faro (m)
proyector (m), faro (m)

Azetylen-Scheinwerfer (m)
acetylene headlight *or* lamp *or* searchlight
phare (m) *ou* face (f) à acétylène



ацетиленовый прожекторъ (m); ацетиленовый фаръ (m)
proiettore (m) *o* faro (m) ad acetilene 4
faro (m) de acetileno

Scheinwerferlinse (f)
headlight lens, lens of headlight
lentille (f) de phare



a

чечевица (f) прожектора; линза (f) фара
lente (f) per proiettore 5
lente (f) de faro

Sammellinse (f)
collecting lens
lentille (f) biconvexe

собирательная чечевица (f); собирательное стекло (n); собирательная линза (f) 6
lente (f) centrale, lente (f) convergente
lente (f) biconvexa

Laternenscheibe (f)
lamp glass
vitre (f) de lanterne

b

стекло (n) фонаря
vetro (m) del fanale 7
cristal (m) de farol

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linsenförmig geschliffene Laternenscheibe (f)
lens shaped ground lamp glass
vitre (f) lenticulaire de lanterne

фонарное стекло (n), отшлифованное въ видѣ чечевицы
vetro (m) lenticolare per fanale 8
vidrio (m) lenticular de farol

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1	getrennt eingebaute Linse (f) separately-fixed lens lentille (f) amovible		отдѣльно вставленная чечевица(f) *или* линза (f) lente (f) a due elementi lente (f) separada
2	Linsenkreuz (n), Linsenträger (m) lens holder porte-lentille (m)	c	крестовина(f), несущая чечевицу; держатель (m) линзы croce (f) portalente porta-lente (m)
3	Linsenfassung (f) lens attachment monture (f) de lentille	d	оправа (f) чечевицы *или* линзы montatura (f) *o* telaino (m) della lente armadura (f) de la lente
4	Laternentür (f) lamp door *or* shutter porte (f) de lanterne		дверца (f) фонаря sportello (m) *o* portina (f) del fanale puertecilla (f) de farol
5	Scheibenfalz (m) lamp glass frame feuillure (f) pour la vitre		рама (f) для стекла scanalatura (f) per vetro ranura (f) *ó* reborde (m) para el cristal
6	Scheinwerfer (m) mit eingebautem Entwickler head lamp with combined generator, self contained head lamp phare (m)		прожекторъ (m) со вдѣланнымъ генераторомъ; фаръ (m) proiettore (m) autogeneratore faro (m)
7	Scheinwerfer (m) für getrennten Entwickler headlamp *or* headlight with separate generator face (f)		прожекторъ (m) для отдѣльнаго генератора; фасъ (m) proiettore (m) a generatore separato farol (m) *ó* faro (m) con generador independiente
8	Entwickler (m) generator, gas generator générateur (m) [à gaz], gazogène (m)		газопроизводитель (m); газообразователь (m); [газо]генераторъ (m); генераторъ (m) газа gasogeno (m), generatore (m) di gas (acetilene) generador (m) de gas, gasógeno (m)
9	Azetylengasentwickler (m) nach dem Tauchsystem immersion type of acetylene gas generator, immersion generator générateur (m) d'acétylène [du système] à immersion		газопроизводитель (m) для ацетилена *или* генераторъ (m) ацетилена системы погруженія generatore (m) d'acetilene ad immersione generador (m) de acetileno del sistema de inmersión

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Azetylengasentwickler (m) nach dem Tropfsystem drip type generator, generator on drip system générateur (m) d'acétylène [du système] à compte-gouttes		газопроизводитель (m) для ацетилена *или* генераторъ (m) ацетилена капельной системы generatore (m) d'acetilene a sgocciolamento generador (m) de acetileno de cuenta-gotas	*1*
Entwickler(m) nach dem gemischten Tropf- und Tauchsystem combined drip and immersion type generator générateur (m) mixte à immersion et à compte-gouttes		комбинированный газопроизводитель (m) системы погруженія и капельной системы; [газо]генераторъ (m) смѣшаннаго типа системы погруженія и капельной системы generatore (m) misto ad immersione e sgocciolamento generador (m) mixto de inmersión y de cuenta-gotas	*2*
Tropfventil (n) drip valve soupape (f) à compte-gouttes		капельный клапанъ(m) valvola (f) di sgocciolamento válvula (f) de cuenta-gotas	*3*
Gashahn (m), Azetylenhahn (m) gas tap, gas cock robinet (m) à gaz, robinet (m) à acétylène		газовый кранъ (m); ацетиленовый кранъ robinetto (m) del gas, robinetto (m) dell'acetilene llave (f) de gas, llave (f) de acetileno	*4*
Calciumkarbid (n) calcium carbide carbure (m) de calcium	$Ca\ C_2$	карбидъ (m) кальція; углеродистый кальцій (m); кальцій-карбидъ (m) carburo (m) di calcio carburo (m) de calcio	*5*
Karbidbüchse (f) carbide tin boîte (f) à carbure (en fer blanc)		жестянка (f) для карбида latta (f) *o* scatola (f) per carburo di calcio lata (f) para carburo de calcio	*6*
Brennernippel (m) burner tip *or* nipple raccord (m) de bec		ниппель (m) горѣлки raccordo (m) per becco ad acetilene boquilla (f), unión (f) para mechero	*7*

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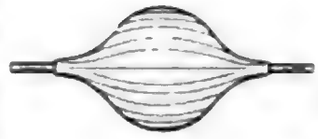
1 Gassack (m) *oder* Gasblase (f) aus Gummi für Azetylenlaternen
rubber gas bag for acetylene lamps
pochette (f) *ou* poire (f) à gaz en caoutchouc pour lanterne à acétylène



резиновая груша (f) *или* резиновый пузырёкъ (m) для газа при ацетиленовыхъ фонаряхъ
polmone (m) per fanale ad acetilene
pera (f) de goma para farol de acetileno

---

2 Druckausgleicher (m)
pressure equalizer
compensateur (m) de pression

уравнитель(m)давленія
compensatore (m) di pressione
compensador (m) de presión

---

3 Gummischlauch (m)
rubber tubing
tube (m) *ou* tuyau (m) en caoutchouc, boyau (m) en caoutchouc

резиновая трубка (f); резиновый рукавъ (m)
tubo (m) di gomma
tubo (m) de goma

---

4 Gasschlauch (m)
gas tubing
boyau (m) à gaz, tube (m) flexible à gaz

трубка (f) *или* рукавъ (m) для газа
tubo (m) a gas
tubo (m) flexible para el gas

---

5 Azetylen (n) in Lösung
dissolved acetylene
acétylène (m) dissous

ацетиленъ (m) въ растворѣ
acetilene (m) sciolto
acetileno (m) disuelto

---

6 Gasflasche (f)
gas bottle
bouteille (f) à gaz

бутыль (f) для газа
bottiglia (f) da gas
botella (f) *ó* frasco (m) de gas

---

7 Wasserabscheider (m)
water separator
séparateur (m) d'eau

водоотдѣлитель (m)
separatore (m) d'acqua
separador (m) de agua

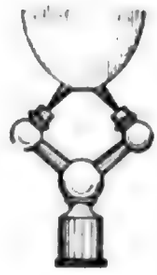
---

8 Gasfilter (n)
gas filter
filtre (m) à gaz

газовый фильтръ (m)
filtro (m) da gas
filtro (m) de gas

---

9 Azetylenbrenner (m)
acetylene burner
bec (m) à acétylène



ацетиленовая горѣлка (f)
becco (m) da acetilene
boquilla (f) *ó* piquera (f) de acetileno

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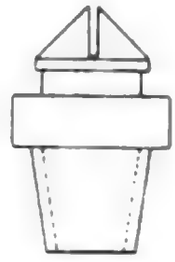
10 Schlitzbrenner (m), Schnittbrenner (m)
slit [type] burner
bec (m) à fente



разрѣзная горѣлка (f)
becco (m) a taglio
boquilla (f) de hendidura, mechero (m) de ranura

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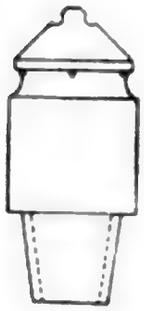
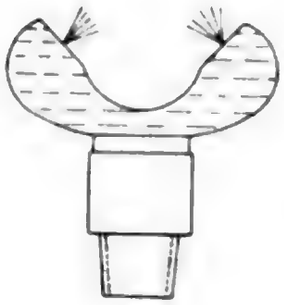
Zweilochbrenner (m)
two hole burner
bec (m) à deux trous



двухдырная *или* двухходовая горѣлка (f); горѣлка съ двумя отверстіями
becco (m) a due fori
boquilla (f) de hendidura, mechero (m) de dos agujeros
1

Schmetterlingsbrenner (m)
butterfly burner
bec (m) papillon



мотылькообразная горѣлка (f)
becco (m) a farfalla
boquilla (f) ó mechero (m) de mariposa
2

Gabelbrenner (m)
forked burner
bec (m) à deux branches

вилкообразная горѣлка (f)
becco (m) doppio
mechero (m) doble
3

Specksteinbrenner (m)
steatite burner
bec (m) en stéatite

стеатитовая горѣлка (f)
becco (m) di steatite
mechero (m) de esteatita
4

Brennerreiniger (m)
cleaner for acetylene burner
nettoie-bec (m), porte-équarissoir (m)

чистилка (f) для горѣлокъ
nettabecco (m)
limpia-mechero (m)
5

Brennernadel (f), Düsennadel (f)
burner needle
aiguille (f) pour becs, équarissoir (m)

игла (f) для прочистки горѣлокъ
ago (m) per becco
aguja (f) para piqueras
6

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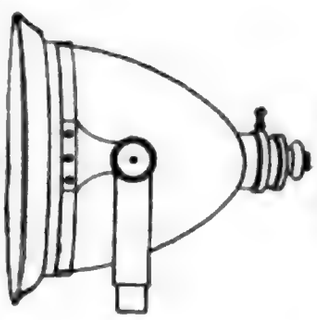
elektrischer Scheinwerfer (m)
electric head light *or* lamp
face (f) électrique



электрическій прожекторъ (m)
proiettore (m) elettrico
farol (m) eléctrico
7

Beleuchtungsbatterie (f)
lighting battery, storage battery for lighting electric lamps
batterie (f) d'éclairage

батарея (f) для освѣщенія
batteria (f) d'illuminazione
bateria (f) de alumbrado
8

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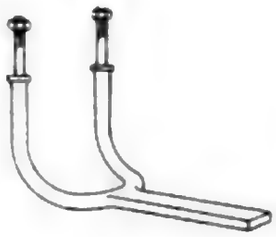
1 Laternenhalter (m), Laternenstütze (f)
lamp bracket, lamp support
porte-lanterne (m), support (m) de lanterne

фонарный крюкъ (m)
portafanale (m)
soporte (m) de linterna, porta-farol (m)

2 Laternengabel (f), Scheinwerfergabel (f)
forked lamp bracket, forked headlight bracket, forked lamp iron
fourche (f) porte-lanterne, fourche (f) porte-phare



фонарная вилка (f); фонарный двойной крюкъ (m)
forcella (f) portafanale, forcella (f) portafaro
horquilla (f) porta-faro

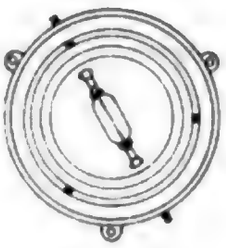
3 Laternenschutzhülle (f), Schutzhaube (f)
lamp cover, lamp protecting cover
capuchon (m) pour lanternes

фонарный чехолъ (m); защитный футляръ (m)
fodera (f) *o* sopracoperta (f) per fanale
funda (f) para linternas

4 Nummernlaterne (f), Transparentlaterne (f), Transparent (n)
illuminated number plate
transparent (m), lanterne (f) à transparent

фонарь (m) съ номеромъ; транспарантъ (m)
fanale (m) trasparente
linterna (f) transparente

5 Deckenlampe (f)
roof *or* ceiling (A) lamp, roof light, dome light
lampe (f) de plafond, plafonnier (m)



плафонъ (m); потолочная лампа (f)
lampadina (f) per soffitto *o* da cielo
lámpara (f) de techo

6 Ecklampe (f)
corner lamp
lampe (f) d'encognure

угловая лампа (f)
lampada (f) d'angolo
lámpara (f) de rincón *ó* de esquina

7 Handlampe (f)
hand lamp
lampe (f) portative *ou* à main

ручная *или* переносная лампа (f)
lampada (f) portatile *o* a mano
lámpara (f) portátil

8 Lampenfassung (f)
lamp socket
douille (f) de lampe

патронъ (m) *или* оправа (f) лампы
portalampada (m)
boquilla (f) de lámpara

9 Lampe (f) mit Liliputgewinde
lamp with miniature *or* Liliput thread
lampe (f) Liliput

лампочка (f) съ миніатурной нарѣзкой
lampadina (f) con attacco Liliput (*o* Mignon)
lámpara (f) Liliput

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Lampe (f) mit Edisongewinde
lamp with Edison base *or* thread
lampe (f) à filetage Edison

лямп[очк]а (f) съ нарѣзкой Эдисона
lampadina (f) con attacco Edison
lámpara (f) de rosca Edison
1

Lampe (f) für Swanfassung
lamp with Swan fastening *or* attachment
lampe (f) pour douille Swan *ou* à baïonnette

лампа (f) для патрона Свана; лампочка (f) для штыковой оправы
lampadina (f) per portalampade Swan
lámpara (f) para boquilla Swan *ó* de bayoneta
2

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kugelförmige Lampe (f)
spherical lamp, round bulb
lampe (f) sphérique *ou* forme boule

шарообразная *или* шаровидная лямп[очк]а (f)
lampadina (f) sferica
lámpara (f) esférica
3

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olivenförmige Lampe (f) für Deckenfassung
flat bulb shaped lamp for ceiling fittings
lampe(f)en forme d'olive pour douille de plafond

оливкообразная(овальная) лямп[очк]а (f) для потолочнаго патрона
lampadina (f) a forma di oliva per portalampada da cielo
lámpara (f) en forma de lenteja para boquilla de techo
4

Kohlenfadenlampe (f)
carbon filament lamp
lampe (f) à filament de charbon

лямп[очк]а (f) съ угольной нитью
lampadina(f) a filamento di carbone
lámpara (f) con filamento de carbón
5

Metallfadenlampe (f)
metallic filament lamp
lampe (f) à filament métallique

лямп[очк]а (f) съ металлической нитью
lampadina(f) a filamento metallico
lámpara (f)con filamento metálico
6

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fester Steckkontakt (m)
fixed [plug] adaptor
prise (f) de courant fixe à fiches

неподвижный штепсель (m)
presa (f) di corrente fissa, contatto (m) fisso a spine
enchufe (m) fijo de clavija
7

Pendelsteckkontakt (m)
hanging plug contact *or* adaptor
prise (f) de courant à fiche suspendue

висячій штепсель (m)
presa (f) di corrente a pendolo, contatto (m) a spine a pendolo
enchufe (m) de clavija colgado
8

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1
Kontaktstöpsel (m), Kontaktstecker (m)
push-in contact plug, contact plug, plug
fiche (f) de contact, bouchon (m) de contact

контактный штепсель (m)
spina (f) di contatto, spina (f) per presa di corrente
clavija (f) de enchufe, tapón (m) de contacto

2
Warnungszeichen (n), Signal (n)
warning, warning signal, danger signal
[signal (m) d']avertissement (m)

предупредительный сигналъ (m); знакъ (m) предостереженія
segnale (m), segnale (m) d'avvertimento
señal (f) de aviso

3
Signal geben (v)
to give signal *or* warning
avertir (v), donner (v) un signal

давать сигналъ
segnalare (v), dar (v) avviso con segnale
avisar (v), dar (v) una señal

4
ertönen (v)
to sound
retentir (v)

[за]гудѣть; [за]звучать
risuonare (v)
hacer (v) sonar, tocar (v) la bocina

5
Huppe (f)
horn, motor car horn, hooter
cornet (m), trompe (f), corne (f)

гудокъ (m)
tromba (f), cornetta (f)
trompeta (f), trompa (f), bocina (f), corneta (f)

a

6
Schalltrichter (m) der Huppe
mouth of the horn
pavillon (m) du cornet

a

рупоръ (m) гудка
cono (m) acustico della cornetta, padiglione (m) della cornetta
pabellón (m) de la bocina

7
ein Huppen[signal]-zeichen geben (v), huppen (v)
to sound the horn, to hoot
corner (v), donner (v) un signal de cornet *ou* de trompe

подать (давать) сигналъ гудкомъ
fare (v) un segnale colla tromba *o* colla cornetta
dar (v) un aviso con la bocina, trompetear (v), bocinar (v)

8
Ton (m) der Huppe
sound *or* note of the horn
son (m) du cornet *ou* de la trompe

тонъ (m) гудка
suono (m) della tromba *o* della cornetta
sonido (m) de la bocina

9
Schallstärke (f), Tonstärke (f)
volume of sound
intensité (f) du son

сила (f) звука; сила тона
intensità (f) del suono
intensidad (f) del sonido

10
die Huppe ist verstopft *oder* heiser
the horn is blocked up *or* choked
le cornet est enroué *ou* engorgé

гудокъ (m) засорился; гудокъ хрипитъ
la tromba è otturata *o* afflochita
la bocina está ronca

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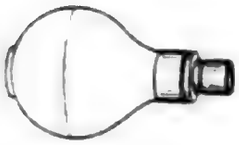
Huppenball (m)
horn bulb
poire (f) du cornet



груша (f) гудка
pera (f) per tromba *o* per cornetta
pera (f) para bocina *1*

Gummiball (m), Gummibirne (f)
rubber bulb, pearshaped rubber bulb
poire (f) en caoutchouc

резиновый шаръ (m); резиновая груша (f)
pera (f) di gomma
pera (f) de goma *2*

Huppenstimme (f)
horn reed, reed for motor horn
anche (f) de cornet

пищикъ (m) гудка
linguetta (f) per cornetta
lengüeta (f) de bocina *3*

Ersatzstimme (f), [Reservestimme (f)]
spare *or* reserve reed
anche (f) de réserve

запасной *или* резервный пищикъ (m)
linguetta (f) di ricambio
lengüeta (f) de reserva *4*

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gerade Huppe (f)
straight horn
cornet (m) droit

прямой гудокъ (m)
cornetta (f) diritta
bocina (f) recta *5*

---

einfach gewundene Huppe (f)
single twist horn
cornet (m) à une seule spire

гудокъ (m) съ однимъ виткомъ; одновитковый гудокъ
cornetta (f) ad una spira
bocina (f) de una sola espira *6*

---

mehrfach gewundene Huppe (f)
multiple twist horn
cornet (m) à plusieurs spires, cornet (m) escargot

гудокъ (m) съ нѣсколькими витками; многовитковый гудокъ
cornetta (f) a più spire
bocina (f) de caracol *7*

Huppe (f) mit Doppelton (m), doppeltönige Huppe (f)
horn with harmony note, double toned horn
cornet (m) à deux tons *ou* à deux anches

двухтонный гудокъ (m)
cornetta (f) a doppio tono *o* a due tubi
bocina (f) de dos tonos *ó* de dos lengüetas *8*

Akkordhuppe (f)
"fanfare" horn
cornet (m) donnant un accord

аккордный гудокъ (m)
cornetta (f) d'accordo *od* a più toni
bocina (f) que da un acorde, bocina (f) armónica *9*

Ventilhuppe (f)
bugle horn
cornet (m) à soupape

клапанный гудокъ (m); рожокъ (m)
cornetta (f) a valvola
bocina (f) de válvula *10*

Huppenventil (n)
horn valve
clapet (m) de cornet

клапанъ (m) гудка *или* рожка
valvola (f) di cornetta
válvula (f) de bocina *11*

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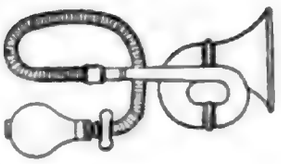
1 Schlauchhuppe (f)
horn with flexible tube
cornet (m) à tube flexible



гудокъ (m) съ трубкой
cornetta (f) *o* tromba (f) a tubo
bocina (f) con tubo flexible

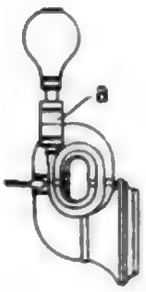
---

2 einen Huppenschlauch verlegen (v)
to install the tube of a motor horn
placer (v) un flexible de cornet

надѣть трубку гудка
montare (v) un tubo di cornetta
colocar (v) un flexible de bocina

---

3 Huppe (f) mit Tonabstellventil
horn with sound *or* note regulating valve
cornet (m) à clapet coupe-son



a

гудокъ (m) съ клапаномъ, прерывающимъ тонъ
cornetta (f) a valvola d'arresto del suono
bocina (f) con válvula apaga-sonidos

---

4 Metallhuppenschlauch (m)
flexible metal tubing for horns
flexible (m) métallique pour cornet

металлическая трубка (f) *или* металлическій рукавъ (m) для гудка
tubo (m) metallico flessibile per cornetta
flexible (m) metálico para bocina

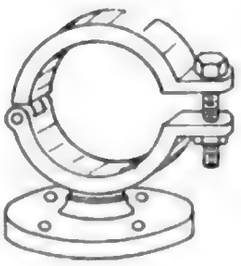
---

5 Befestigungsschelle (f) für Huppen
horn attachment bracket *or* clip
collier (m) de fixation pour cornets

скоба (f) *или* хомутъ (m) для укрѣпленія гудковъ
attacco (m) per cornetta
abrazadera (f) de bocina

---

6 Scharnierplatte (f)
hinged clip
plaque (f) avec collier à charnière



скоба (f) *или* хомутъ (m) на шарнирѣ
placca (f) a cerniera
placa (f) con collar de charnela

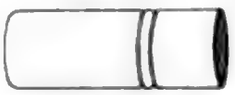
---

7 Staubschutzsieb (n)
dust cap for motor horn
tamis (m) antipoussière

сѣтка (f), защищающая отъ пыли; предохраняющая отъ пыли сѣтка
reticolo (m) metallico, parapolvere (m), griglia (f) per tromba
rejilla (f) para el polvo

---

8 Mundstück (n), Tülle (f)
mouth piece, socket
embouchure (f)



мундштукъ (m)
imboccatura (f)
embocadura (f)

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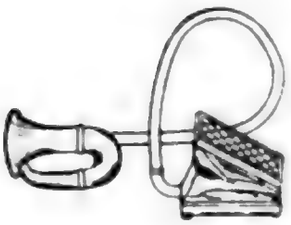
Tretbalg (m)
foot bellows
soufflet (m) [à] pédale



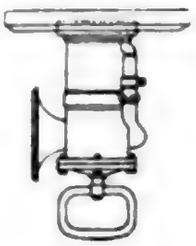
a

a

мѣхъ (m) съ педалью
soffietto (m) a pedale
fuelle (m) de pedal

1

Cornet (n) mit Luftpumpe (zur Befestigung an der Wagendecke)
cornet with air pump, air pump operated cornet (for fixing on roof of car)
cornet (m) avec pompe à air, cornet (m) à pompe (à attacher au plafond)



гудокъ (m) съ воздушнымъ насосомъ (для укрѣпленія на потолкѣ экипажа)
cornetta (f) con pompa ad aria
bocina (f) con bomba de aire (para colocar al techo)

2

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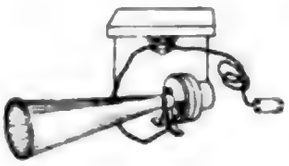
elektrisch betätigte Huppe (f)
electric horn, buzzer, electrically operated horn
cornet (m) électrique



электрическій гудокъ (m)
cornetta (f) elettrica
bocina (f) eléctrica

3

Pfeife (f)
whistle
sifflet (m)

свистокъ (m)
fischio (m)
silbato (m), pito (m)

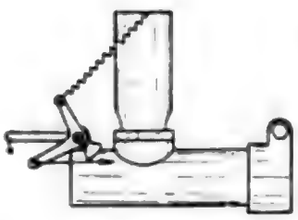
4

Trillerpfeife (f)
trilling whistle, whistle with trembler
sifflet (m) à trilles

свистокъ (m) съ трелью; полицейскій свистокъ
fischio (m) a trillo
silbato (m) con gorjeos

5

Auspuffpfeife (f)
exhaust whistle
sifflet (m) à fonctionnement par échappement



свистокъ (m), дѣйствующій отработавшими газами
fischio (m) pel tubo di scappamento
pito (m) de escape

6

Doppeltonpfeife (f)
double note whistle
sifflet (m) à deux sons

двухтонный свистокъ (m)
fischio (m) a doppio tono
silbato (m) de dos sonidos

7

Dreiklangpfeife (f), dreitönige Pfeife (f)
three tone whistle, whistle with three notes
sifflet (m) à trois sons

трёхтонный свистокъ (m)
fischio (m) a triplo tono
silbato (m) de tres sonidos

8

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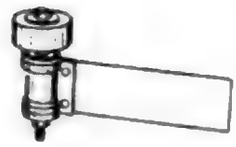
1 Sirene (f)
siren
sirène (f)

сирена (f)
sirena (f)
sirena (f)

---

2 Antriebrolle (f), [Friktionsrolle (f)]
driving roller, operating roller, friction roller *or* disc
galet (m) de commande [par friction]



приводный роликъ (m); фрикціонный роликъ
rullo (m) di frizione
rodillo (m) de mando [por fricción]

---

3 biegsame Welle (f) mit Schutzschlauch
flexible shaft with protective sheathing *or* tube
transmission (f) flexible avec tube protecteur

гибкій валъ (m) съ предохранительнымъ рукавомъ
trasmissione (f) flessibile con tubo di protezione
transmisión (f) flexible con tubo protector

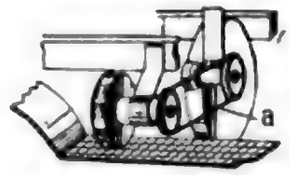
---

4 Spiralwelle (f)
spirally wound flexible shaft
transmission (f) flexible enroulé en hélice

гибкій валъ (m), состоящій изъ спиралей изъ стальной проволоки
trasmissione (f) a spirale
transmisión (f) flexible helicoidal

---

5 Antrieb (m) durch Schnurscheibe
drive by means of grooved pulley
commande (f) par roulette à gorge



приводъ (m) посредствомъ верёвочнаго шкива
comando (m) con puleggia a gola
transmisión (f) por ruedecilla de garganta

---

6 Antriebspiralfeder (f)
spiral driving spring
ressort (m) de commande à boudin

a

приводная винтовая пружина (f)
molla (f) di comando a spirale
resorte (m) espiral de transmisión

---

7 Wasserheizung (f)
hot water heating, heating by hot water
chauffage (m) à l'eau

водяное отопленіе (n)
riscaldamento (m) ad acqua
calefacción (f) por agua

---

8 Dampfheizung (f)
steam heating, heating by steam
chauffage (m) à la vapeur

паровое отопленіе (n)
riscaldamento (m) a vapore
calefacción (f) por vapor de agua

---

9 Kohlenheizung (f)
coal firing, heating by coal fire
chauffage (m) au charbon

отопленіе (n) углемъ
riscaldamento (m) a carbone
calefacción (f) por carbón

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Heizung (f) durch Glühkörper
heating by incandescent bodies
chauffage (m) par radiateur

отопленіе (n) посредствомъ тѣлъ накаливанія
riscaldamento (m) a corpi irradianti
calefacción (f) por radiador

1

Fußbodenheizung (f)
heating by floor radiation
chauffage (m) du plancher

отопленіе (n) *или* нагрѣваніе (n) пола
riscaldamento (m) del tavolato *o* del fondo della vettura
calefacción (f) del piso

2

---

die Heizkörper unter die Sitzbänke legen (v)
to install the radiators under the benches
placer (v) les radiateurs sous les banquettes

помѣстить грѣлки подъ скамьями
collocare (v) gli scaldini sotto i sedili
colocar(v) los radiadores bajo los asientos

3

Heizkörper (m)
heating body *or* element
élément (m) d'appareil de chauffage

грѣлка (f); нагрѣватель (m)
riscaldatore (m), scaldino (m)
elemento (m) de un aparato de calefacción

4

Röhrenheizkörper (m)
tubular heating body, tubular radiator
radiateur (m) tubulaire

трубчатая грѣлка (f); трубчатый нагрѣватель (m)
radiatore (m) *o* riscaldatore (m) a tubi *o* tubolare
radiador (m) tubular

5

Heizrohr (n)
heating *or* radiator pipe
tuyau (m) de chauffage

нагрѣвательная труб[к]а (f)
tubo (m) di riscaldamento
tubo (m) de calefacción

6

Heizschlange (f)
heating *or* radiator coil
serpentin (m) de chauffage

нагрѣвательный змѣевикъ (m)
serpentino (m) di riscaldamento
serpentin (m) de calefacción

7

Wechselventil (n)
change-over valve
soupape (f) directrice *ou* à plusieurs voies

многоходовой клапанъ (m) *или* вентиль (m)
valvola (f) di commutazione
llave (f) *ó* válvula (f) de varias vías

8

Heizkörperabdeckung (f)
uncovering the radiator *or* heating body
cage (f) de radiateur en tôle ajourée *ou* perforée

покрышка (f) грѣлки *или* нагрѣвателя
gabbia (f) del radiatore *o* del riscaldatore
caja (f) de radiador de chapa perforada

9

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1	den Wagen heizen (v) *oder* erwärmen (v) to heat *or* warm the car chauffer (v) la voiture	отоплять коляску riscaldare (v) la vettura calentar (v) el coche
2	Niederschlagwasserablaßhahn (m) condensation water draw-off cock, waste water draw-off cock [robinet (m)] purgeur (m) d'eau de condensation	кранъ (m) для спуска конденсаціонной воды robinetto (m) di scarico dell'acqua di condensazione grifo (m) de purga del agua condensada
3	Lüftung (f), Ventilation (f) ventilation ventilation(f), aération(f)	вентиляція (f) rinnovazione (f) dell'aria, ventilazione (f) ventilación (f)
4	Lüftungsaufsatz (m) ventilator hood *or* cowl mitre (f) de ventilation, chapeau (m) de ventilateur	насадка (f) *или* наставка (f) для вентиляціи mitria (f) di ventilazione caperuza (f) *ó* mitra (f) de ventilador
5	Lüftungsklappe (f), Ventilationsklappe (f) ventilator valve clapet (m) de ventilation	вентиляторный клапанъ (m) valvola (f) *o* chiusino (m) di ventilazione válvula (f) de ventilación
6	Sprachrohr (n) speaking tube tuyau (m) acoustique	[пере]говорная трубка (f) portavoce (m) acustico tubo (m) acústico
7	umsponnener (umklöppelter) Schlauch (m) für Sprachrohre braided tubing for speaking tubes tube (m) guipé entouré d'une tresse pour tuyaux acoustiques	обмотанный *или* оплетённый гибкій рукавъ (m) для [пере]говорныхъ трубокъ tubo (m) tessuto per portavoce tubo (m) acústico con envuelta trenzada
8	Hörrohr (n) ear trumpet cornet (m) acoustique	слуховая трубка (f) cornetto (m) acustico bocina (f) acústica
9	Birne (f) aus Gummi rubber bulb poire (f) en caoutchouc	резиновая груша (f) pera (f) di gomma pera (f) de goma
10	Mundstück (n) aus Metall (Elfenbein, Horn) mouthpiece of metal (ivory, horn) embouchure (f) métallique *ou* en métal (en ivoire, en corne)	мундштукъ (m) изъ металла (слоновой кости, рога) imboccatura (f) di metallo (di avorio, di corno) tudel (m) *ó* estrangul (m) metálico (de marfil, de cuerno)

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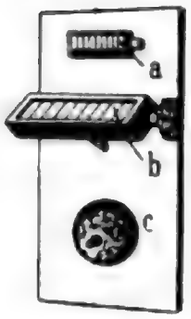
Zeichengeber (m), Befehlgeber (m)
order *or* instruction transmitter, driver's signal
transmetteur (m) d'ordres *ou* de signaux



передатчикъ (m) приказаній *или* сигналовъ
trasmettitore (m) di segnali *o* d'ordini *1*
transmisor (m) de órdenes *ó* de señales

a

Zeichenempfänger (m), Befehlempfänger (m)
receiver, order receiver, instruction receiver, indicator
récepteur (m) d'ordres *ou* de signaux

b

пріемникъ (m) приказаній *или* сигналовъ
ricevitore (m) di segnali *o* d'ordini *2*
receptor (m) de órdenes *ó* de señales

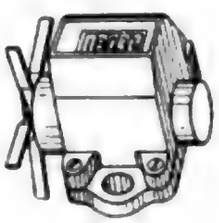
---

elektrischer Wecker (m), elektrische Klingel (f)
electric alarm, electric bell
sonnerie (f) électrique

c

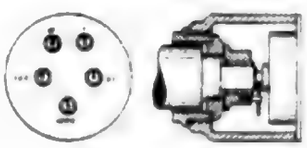
электрическій звонокъ (m)
suoneria (f) elettrica *3*
timbre (m) eléctrico, campanilla (f) eléctrica

Kilometerzähler (m)
odometer, mileage recorder, mileage indicator
compteur (m) kilométrique



счётчикъ (m) километровъ [вёрстъ]; километровый счётчикъ [верстовой счётчикъ]; одометръ (m) *4*
contachilometri (m), contatore (m) chilometrico
contador (m) kilométrico

Achskappenzähler (m)
axle cap odometer, mileage recorder *or* indicator
compteur (m) sur le chapeau d'essieu

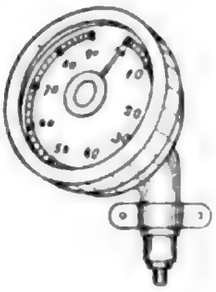


счётчикъ (m) въ осевой крышкѣ
contatore (m) chilometrico al mozzo della ruota *5*
contador (m) sobre el tapón del eje

Kilometerzähler (m) mit Antrieb durch biegsame Welle
odometer *or* mileage indicator *or* recorder with flexible shaft drive
compteur (m) kilométrique commandé par [arbre] flexible

счётчикъ (m) километровъ съ приводомъ отъ гибкаго вала
contatore (m) chilometrico con trasmissione flessibile *6*
contador (m) kilométrico accionado por árbol flexible

Geschwindigkeitsmesser (m), Tachometer (n)
speed indicator, tachometer
tachymètre (m), compteur (m) de vitesse



тахометръ (m); приборъ (m) для измѣренія скорости движенія; измѣритель (m) скорости *7*
indicatore (m) di velocità
taquímetro (m), contador (m) de velocidad

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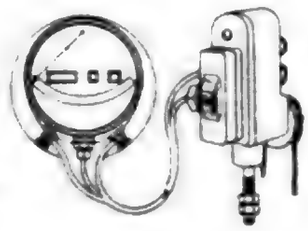
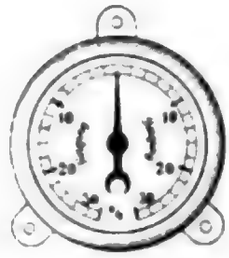
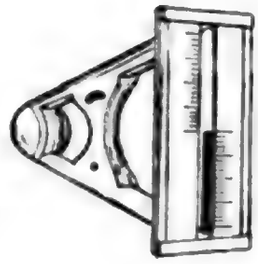
Tachograph (m), Geschwindigkeitsmesser (m) mit Schreibwerk 1 speed recorder with register tachygraphe (m), tachymètre (m) enrégistreur		тахографъ (m); самопишущій тахометръ; регистрирующій тахометръ (m) tachigrafo (m) taquígrafo (m), taquímetro (m) registrador
mit Kilometerzähler vereinigter Geschwindigkeitsmesser (m) 2 combined odometer and speed indicator, combined mileage and speed indicator tachymètre (m) à compteur kilométrique		комбинированные тахометръ (m) и одометръ (m) contachilometri (m) con indicatore di velocità taquímetro (m) combinado con contador kilométrico
Geschwindigkeitsmesser (m) mit elektrischer Übertragung 3 electrically operated speed indicator tachymètre (m) à transmission électrique		тахометръ (m) съ электрической передачей tachimetro (m) a trasmissione elettrica taquímetro (m) con transmisión eléctrica
einen Kilometerzähler aichen (v) 4 to calibrate an odometer *or* mileage indicator *or* recorder étalonner (v) un compteur kilométrique		градуировать километровый счётчикъ; эталонировать одометръ verificare (v) ufficialmente un contachilometri graduar (v) un contador kilométrico
Steigungsmesser (m), Neigungsmesser (m) 5 gradient meter *or* indicator clinomètre (m), indicateur (m) de pente		измѣритель (m) подъёма; измѣритель уклона gradometro (m), indicatore (m) di pendenza clinómetro (m), indicador (m) de pendientes
Pendelneigungsmesser (m) 6 pendulum gradient indicator clinomètre (m) à pendule		маятниковый измѣритель (m) уклона indicatore (m) di pendenza a pendolo clinómetro (m) de péndulo
Flüssigkeitsneigungsmesser (m) 7 liquid gradient indicator clinomètre (m) à liquide		измѣритель (m) уклона съ жидкостью indicatore (m) di pendenza a liquido clinómetro (m) de liquido

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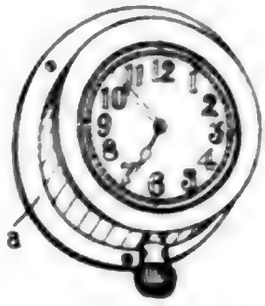
Neigungsmesser (m) mit Wasserfüllung
gradient indicator with water tube
clinomètre (m) à eau

измѣритель (m) уклона съ уровнемъ
indicatore (m) di pendenza ad acqua
clinómetro (m) de agua 1

Libelle (f)
level, spirit level
niveau (m) à bulle d'air

ватерпасъ (m); уровень (m)
livello (m) a bolla d'aria
nivel (m) de burbuja de aire 2

Wagenuhr (f)
automobile watch, motor clock
horloge (f) de voiture



экипажные часы (m pl)
orologio (m) da vettura
reloj (m) de coche 3

Gehäuse (n) zur Befestigung einer Uhr am Spritzbrett
clock case on dashboard
boîte (f) d' horloge sur le tablier

a

коробка (f) для укрѣпленія часовъ на щиткѣ *или* внутри экипажа
custodia (f) da orologio per cruscotto *o* per l'interno della vettura
caja (f) de reloj sobre el tablero 4

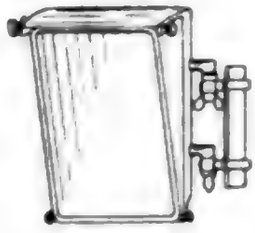
Stoppuhr (f)
stop watch
horloge (f) à déclic, montre (f) à déclic

стоповые часы (m pl); хронометръ (m) *или* секундомѣръ (m) съ остановомъ
orologio (m) a scatto
reloj (m) de escape 5

Chronometer (n)
chronometer
chronomètre (m)

хронометръ (m)
cronometro (m)
cronómetro (m) 6

Spion (m), Rückschauspiegel (m), Retroskopspiegel (m)
mirror, rear reflecting mirror
espion (m), avertisseur (m)



зеркало (n) для наблюденія
specchio (m) avvisatore, specchio (m) retroscopico
espejo (m) retroscópico 7

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elektrischer Zigarrenanzünder (m)
electric cigar lighter
allume-cigare (m) électrique

электрическій зажигатель (m) для сигаръ
accendi-sigari (m) elettrico
encendedor (m) de cigarros eléctrico 8

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1 Wagenheber (m)
motor car jacking *or* hoisting device
lève-auto (m), lève-voiture (m)

подъёмникъ (m) для экипажей
sollevatore (m) da vettura
disposición (f) de levantar coches

2 Wagenwinde (f)
jack, motor car jack
cric (m) d'auto

домкратъ (m) для экипажей
martinetto (m), cricco (m)
gato (m) para automóvil

3 Zahnstangenwinde (f) mit Schneckenradantrieb
rack operated jack with worm drive
cric (m) à vis sans fin

домкратъ (m) съ зубчатой рейкой и червячнымъ приводомъ
martinetto (m) *o* cricco (m) a vite senza fine
gato (m) de tornillo sin fin

4 Schraubenwinde (f) mit Kegelradantrieb
screw jack operated by bevel gearing, bevel-gear operated screw jack
vérin (m) à engrenage conique

винтовой домкратъ (m) съ конической зубчатой передачей
martinetto (m) ad ingranaggio conico
cric (m) con engranaje cónico

5 Schraubenwinde (f) mit Antrieb durch Knarre *oder* Ratsche
screw jack worked by ratchet and lever
cric (m) à rochet

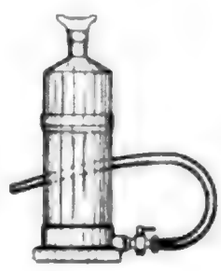
винтовой домкратъ (m) съ трещёткой
martinetto (m) a ruota d'arresto
gato (m) de carraca, cric (m) de roquete

6 doppeltwirkende Schraubenwinde (f), [Duplexwinde (f)]
double acting screw jack
cric (m) duplex *ou* à double effet

винтовой домкратъ (m) двойного дѣйствія; домкратъ (m) дуплексъ
martinetto (m) a doppio appoggio ed a doppio effetto
gato (m) de doble efecto

7 pneumatischer Wagenheber (m)
pneumatic jack, pneumatic motor car jack
lève-auto (m) pneumatique

пневматическій подъёмникъ (m) для экипажей
sollevatore (m) da vettura automatico
levanta-coches (m) neumático



8 hydraulischer Wagenheber (m)
hydraulic car lifting device
lève-auto (m) hydraulique

гидравлическій подъёмникъ (m) для экипажей
sollevatore (m) da vettura idraulico
levanta-coches (m) hidráulico

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Pneumatikpumpe (f)
pneumatic pump
pompe (f) pour pneu-[matique]s

насосъ (m) для накачиванія шинъ
pompa (f) per pneumatici
bomba (f) para neumático

1

Luftpumpe (f)
air pump
pompe (f) à air

воздушный насосъ (m)
pompa (f) ad aria
bomba (f) de aire

2

---

ausziehbare Pumpe (f), Teleskoppumpe (f)
telescopic pump
pompe (f) télescopique *ou* télescopante

телескопическій насосъ (m)
pompa (f) a telescopio
bomba (f) con tubo telescópico

3

Pumpe (f) mit zwei Stiefeln
inflator *or* pump with two barrels, double barrelled pump
pompe (f) à deux tubes télescopants

двухцилиндровый насосъ (m); насосъ съ двумя стаканами
pompa (f) a due tubi rientranti
bomba (f) de dos tubos telescópicos

4

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doppeltwirkende Pumpe (f)
double acting pump *or* inflator
pompe (f) à double effet

насосъ (m) двойного дѣйствія
pompa (f) a doppio effetto
bomba (f) de doble efecto

5

Schwungradpumpe (f)
flywheel operated pump
pompe (f) actionnée par le volant

насосъ (m), дѣйствующій отъ маховика
pompa (f) comandata dal volano
bomba (f) movida por el volante

6

Hebelpumpe (f)
lever pump
pompe (f) à levier

рычажный насосъ (m)
pompa (f) a leva
bomba (f) de palanca

7

Pneumatikfüllung (f) mit abgekühlten Explosionsgasen
apparatus for inflating pneumatic tyres with cooled exhaust gases
[appareil (m) de] gonflement (m) de pneus par les gaz d'échappement

накачиваніе (n) пневматиковъ охлаждёнными отработавшими газами
gonfiapneumatici (m) col gas di scappamento
aparato (m) para la inflación de neumáticos por los gases del escape

8

Wassereimer (m) aus Segelleinen
collapsible canvas bucket
seau (m) en toile

парусиновое ведро (n) для воды
secchio (m) di tela da vela
cubo (m) de lona

9

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1 Klappeimer (m)
collapsible *or* folding bucket
seau (m) à emboîtement

складное ведро (n)
secchio (m) pieghevole
cubo (m) con secciones encajables

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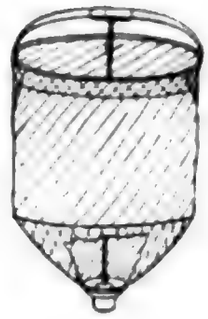
2 Wassereimer (m) aus Segelleinen mit Bodenventil
canvas bucket with outlet valve in bottom
seau (m) en toile à voile avec soupape de fond



парусиновое ведро (m) для воды съ клапаномъ на днѣ
secchio (m) di tela con valvola di fondo
cubo (m) de lona con válvula en el fondo

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X.

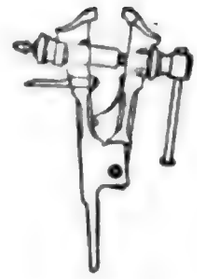
Werkzeuge — Инструменты
Tools — Utensili
Outils — Herramientas

Werkzeug (n)
tool
outil (m)

инструментъ (m)
utensile (m) *1*
herramienta (f)

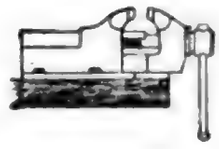
Werkzeugausstattung (f)
tool kit *or* outfit
outillage (m)

наборъ (m) инструментовъ
corredo (m) d'utensili *2*
útiles (m pl) y herramientas (f pl)



Schraubstock (m)
vice, screw vice
étau (m)

тиски (m pl)
morsa (f) *3*
tornillo (m) de banco



Parallelschraubstock (m)
parallel vice
étau (m) parallèle

параллельные тиски (m pl)
morsa (f) parallela *4*
tornillo (m) [con movimiento] paralelo

Maschinenschraubstock (m)
machine vice
étau (m) pour machine

машинные тиски (m pl)
morsa (f) per macchina *5*
tornillo (m) para máquina

ein Werkstück in den Schraubstock einspannen (v)
to grip a piece of work in the vice
serrer (v) une pièce à usiner dans l'étau

зажать обрабатываемый предметъ въ тиски
serrare (v) *o* stringere (v) un pezzo alla morsa *6*
apretar (v) una pieza para trabajarla en el tornillo

Schraubstockbacke (f)
jaw *or* bit of the vice
mors (m) *ou* mâchoire (f) d'étau

тисочныя губы (f pl) *или* губки (f pl) *или* прихватки (f pl)
ganascie (f pl) della morsa *7*
mordaza (f) del tornillo

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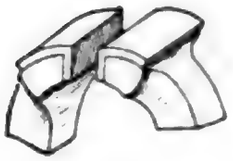
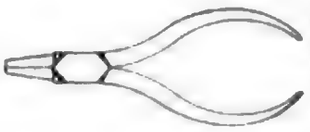
1 Bleibacken (f pl) lead jaws *or* clamps mordaches (f pl) en plomb		свинцовыя губы (f pl) *или* губки (f pl) *или* прихватки (f pl) ganascie (f pl) di piombo mordazas (f pl) de plomo
2 Schraubzwinge (f) cramp, screw clamp serre-joint (m), presse (f) à main		струбцинка (f) morsetto (m) a vite mordaza (f) de rosca, prensa (f) de tornillo
3 Feilkloben (m) hand vice étau (m) à main		ручные тиски (m pl) *или* тисочки (m pl) morsetto (m) a mano tornillo (m) de mano
4 Stiftkloben (m) pin vice étau (m) à goupilles		тисочки (m pl) для штифтовъ morsetto (m) a mano, morsetto (m) da coppiglia mordaza (f) de mano pasadores
5 Spannkluppe (f) box clamps (pl), vice clamps (pl) mordache (f), pince (f) de serrage		зажимъ (m) для тисковъ morsa (f) per tendere garabatillo (m)
6 Drahtzange (f) wire pliers *or* nippers (pl) pince (f) plate [à fils]		плоскогубцы (m pl) съ кусачками pinza (f) *o* pinzetta (f) da filo alicate (m)
7 Flachzange (f) flat pliers pince (f) plate		плоскогубцы (m pl) pinza (f) piatta alicate (m) de doblar
8 Rundzange (f) round pliers pince (f) ronde		круглогубцы (m pl) pinza (f) tonda alicate (m) de pico redondo
9 Zange (f) mit Seitenschneider wire cutting pliers pince (f) coupante		плоскогубцы (m pl) съ боковыми кусачками pinza (f) con taglio laterale alicate (m) de cortar
10 Universalzange (f) American wire cutting pliers pince (f) universelle		универсальные клещи (m pl) pinza (f) universale tenazas (f pl) universales, alicate (m) universal
11 Kneifzange (f) nippers, pincers pince (f), tenaille (f)		клещи (m pl) tenaglia (f) da taglio tenazas (f pl)

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Hammer (m)
hammer
marteau (m)

молотъ (m); молотокъ (m)
martello (m)
martillo (m)
1

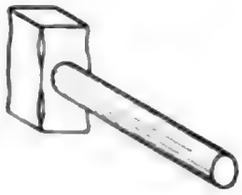
Bankhammer (m), Handhammer (m)
hand-hammer
marteau (m) à main

ручной молотокъ (m); верстачный молотъ (m); ручникъ (m)
martello (m) a mano
martillo (m) de mano
2

Holzhammer (m)
mallet
maillet (m), marteau (m) en bois

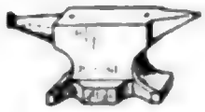
деревянный молотокъ (m); кіанка (f)
martello (m) di legno
mazo (m)
3

Kupferhammer (m)
copper hammer
masse (f), massette (f), marteau (m) en cuivre



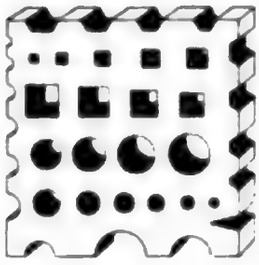
молотокъ (m) изъ красной мѣди
martello (m) di rame
martillo (m) de cobre
4

Amboß (m)
anvil
enclume (f), bigorne (f)



наковальня (f)
incudine (f)
yunque (m), bigornia (f)
5

Gesenkplatte (f), Lochplatte (f)
swage block, boss, print
tas-étampe (m)



фасонная наковальня (f)
dama (f) o chioderia (f) per fucinatori
estampa (f), tas (m)
6

im Gesenk schmieden (v)
to swage
étamper (v)

штамповать; ковать въ штампахъ; ковать штамповочнымъ молотомъ
fucinare (v) entro stampi, stampare (v)
forjar (v) en estampa, estampar (v)
7

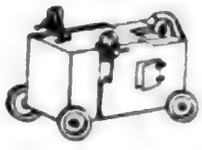
Schmiede (f)
smithy
forge (f)

кузница (f)
fucina (f)
forja (f)
8

Schmiedeherd (m)
forge, smith's hearth
feu (m) *ou* foyer (m) *ou* àtre (m) de forge

кузнечный горнъ (m)
focolare (m) della fucina
fuego (m) de forja *ó* de fragua
9

Feldschmiede (f)
portable forge
forge (f) volante *ou* portative *ou* de campagne



переносный горнъ (m)
fucina (f) da campagna, fucina (f) portatile
fragua (f) sobre ruedas *ó* portátil
10

schweißen (v)
to weld
souder (v) au blanc soudant *ou* sur l'enclume

сваривать
saldare (v)
soldar (v) sobre el yunque
11

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a

1 Schweißstelle (f)
weld
soudure (f) au blanc soudant *ou* sur l'enclume, endroit (m) soudé

мѣсто (n) сварки
luogo (m) *o* punto (m) della saldatura
soldadura (f) sobre el yunque *ó* con el martillo, lugar (m) de la soldadura

---

2 ausbeulen (v)
to planish *or* flatten
planer (v), aplanir (v)

выправ-ить (-лять)
spianare (v) le ammaccature
aplanar (v), quitar (v) las abolladuras

---

3 kalt richten (v)
to straighten while cold
dresser (v) à froid

выправить въ-холодную
raddrizzare (v) a freddo
enderezar (v) en frio

---

4 eine Blechtafel spannen (v)
to stretch a plate
tendre (v) une tôle

растя-нуть (-гивать) металлическій листъ
stendere (v) una lamiera
tender (v) un palastro

---

5 Formstück (n), Fassonstück (n)
sample piece
pièce (f) façonnée, pièce (f) profilée

фасонная часть (f)
pezzo (m) sagomato
pieza (f) perfilada

---

6 Beil (n), Handbeil (n)
hatchet
cognée (f), hachette (f)

топоръ (m); топорикъ (m)
accetta (f)
hachuela (f)

---

7 Meißel (m)
chisel, cold chisel
ciseau (m), burin (m)

зубило (n)
scalpello (m)
cincel (m), buril (m), escoplo (m)

---

8 meißeln (v), abmeißeln (v)
to chip
travailler (v) au ciseau, trancher (v) au ciseau, enlever (v) au ciseau

обрубать (срубать) зубиломъ; чеканить
scalpellare (v), togliere (v) collo scalpello
cortar (v) con el cincel, escoplear (v) (madera)

---

9 Stemmeisen (n)
[wood] chisel
ciseau (m) de ménuisier

стамеска (f); долото (n)
scalpello (m)
escoplo (m), cincel (m), formón (m)

---

10 Säge (f)
saw
scie (f)

пила (f)
sega (f)
sierra (f)

---

11 sägen (v)
to saw
scier (v)

пилить
segare (v)
aserrar (v)

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Feile (f)
file
lime (f)

напилокъ (m); напильникъ (m); подпилокъ (m); слесарная пила (f) *1*
lima (f)
lima (f)

Vorfeile (f)
bastard file
[lime (f)] bâtarde (f)

драчевый напильникъ (m) *или* напилокъ (m) *или* подпилокъ (m) *2*
lima (f) *o* raspa (f) bastarda
lima (f) bastarda

feilen (v)
to file
limer (v)

пилить; подпили-ть (-вать); опилить
limare (v), raspare (v) *3*
limar (v)

schlichten (v)
to finish, to smooth
passer (v) à la lime douce

шлифовать; выравнивать; сглаживать
ripassare (v) alla lima dolce, spianare (v), lisciare (v) *4*
alisar (v), igualar (v), planear (v)

Raspel (f)
rasp, grater
râpe (f), [lime (f) mordante]

рашпиль (m); терпугъ (m)
raspa (f) *5*
escofina (f)

Dreikantschaber (m)
three square *or* triangular scraper
racloir (m) *ou* grattoir (m) triangulaire

трёхгранный шаберъ (m); трёхгранная шабра (f)
raschietto (m) triangolare *6*
rascador (m) triangular

Reibahle (f)
reamer
alésoir (m)

развёртка (f); рейбалъ (m)
alesatore (m), allargatoio (m) *7*
escariador (m)

Fräser (m)
milling cutter
fraise (f)

фреза (f); фрезеръ (m); шарошка (f)
fresa (f) *8*
fresa (f)

Bohrer (m)
drill
foret (m), mèche (f)

сверло (n)
trapano (m), punta (f) da trapano *9*
taladro (m)

bohren (v)
to drill, to bore
forer (v), percer (v)

сверлить
forare (v), trapanare (v) *10*
barrenar (v), taladrar (v)

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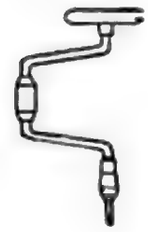
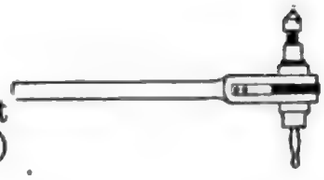


Brustleier (f), Brustbohrer (m)
1 breast drill bit, brace, belly brace
vilebrequin (m)

грудной коловоротъ (m); коловоротъ съ нагрудникомъ (упоромъ для груди)
trapano (m) a mano, girabecchino (m), girabarchino (m)
berbiquí (m) de pecho



Bohrknarre (f), Bohrratsche (f)
ratchet brace
2 racagnac (m), perçoir (m) à rochet, touret (m) à rochet, fût (m) à rochet

трещётка (f); рачка (f); коловоротъ (m) съ собачкой
trapano (m) a nottolino *od* a cricchio
carraca (f)

Spitzendrehbank (f)
3 center lathe
tour (m) à pointes

токарный станокъ (m) съ центрами; самоточка (f); центровой токарный станокъ (m)
tornio (m) a punte
torno (m) de puntas

Gewinde schneiden (v)
4 to cut a thread
fileter (v), tarauder (v)

нарѣзать винтовую рѣзьбу
filettare (v)
filetear (v), terrajar (v)

Schrauben schneiden (v)
5 to cut a screw
faire (v) des vis

нарѣзать винты
filettare (v) viti
fabricar (v) tornillos, filetear (v)

Schneidbohrer (m), Gewindebohrer (m), Gewindeschneidbohrer (m)
6 screw tap
taraud (m)

метчикъ (m)
maschio (m)
terraja (f)

---

ein Gewinde nachschneiden (v)
7 to retap a thread
finir (v) *ou* repasser (v) un filetage (un taraudage)

отдѣлать *или* подрѣзать винтовую рѣзьбу
ripassare (v) il filetto
repasar (v) el filete

Gewindekluppe (f), Schneidekluppe (f)
8 die *or* screw stock, clamp
[cage (f) de] filière (f)

клуппъ (m); клупикъ (m)
filiera (f)
hilera (f) de cojinete, hilera (f)

Windeisen (n)
9 tap wrench
tourne-à-gauche (m)

воротокъ (m)
martinello (m)
terraja (f), desvolvedor (m)

Schraubenzieher (m)
10 screw driver
tournevis (m)

отвёртка (f)
cacciavite (m)
destornillador (m)

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gekröpfter Schraubenzieher (m), Winkelschraubenzieher (m)
bent *or* set screw driver
tournevis (m) coudé

отвёртка (f) съ загнутыми концами
cacciavite (m) a gomito
destornillador (m) acodado

1

Schraubenschlüssel (m)
spanner, wrench, key
clé (f) [*ou* clef (f)] à écrous

винтовой ключъ (m); гаечный ключъ
chiave (f) per dadi
llave (f) para tuercas

2

---

einfacher Schraubenschlüssel (m)
single ended spanner *or* wrench *or* key
clé (f) à écrous simple

простой ключъ (m); ординарный ключъ; односторонній ключъ
chiave (f) per dadi semplice
llave (f) simple *ó* sencilla para tuercas

3

Doppelmaulschlüssel (m)
double ended spanner
clé (f) à écrous double

двойной ключъ (m): двусторонній ключъ
chiave (f) per dadi doppia
llave (f) doble *ó* de dos bocas

4

Schlüssel (m) mit schrägem Maul
skew spanner
clé (f) coudée

ключъ (m) съ косымъ зѣвомъ; прикладной ключъ
chiave (f) con bocca a sbieco
llave (f) acodada

5

Schlüssel (m) mit geradem Maul
straight spanner
clé (f) droite

ключъ (m) съ прямымъ зѣвомъ
chiave (f) con bocca diritta
llave (f) recta

6

Schlüsselweite (f), Maulweite (f)
width of jaw
calibre (m) *ou* ouverture (f) de la clé

a

ширина (f) зѣва
calibro (m) *o* apertura (f) della chiave
calibre (m) *ó* abertura (f) de la llave

7

---

verstellbarer Schlüssel (m), Engländer (m)
adjustable *or* shifting spanner, monkey wrench
clé (f) à ouverture réglable, clef (f) anglaise

раздвижой ключъ (m); англійскій *или* французкій гаечный ключъ
chiave (f) ad apertura regolabile, chiave (f) inglese
llave (f) de abertura variable, llave (f) inglesa

8

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1 Rohrschlüssel (m)
barrel *or* tubular spanner *or* key, wrench (A)
clé (f) en bout *ou* tubulaire

трубчатый ключъ (m); двусторонній торцовый ключъ
chiave (f) a tubo
llave (f) tubular

---

2 Steckschlüssel (m), Aufsteckschlüssel (m)
box spanner, socket wrench (A)
clé (f) à douille

торцовый *или* стержневой ключъ (m)
chiave (f) femmina
llave (f) tubular

---

3 gekröpfter Steckschlüssel (m)
short elbowed box spanner
clé (f) à douilles coudée

колѣнчатый торцовый ключъ (m)
chiave (f) femmina a gomito
llave (f) tubular doble acodada

---

4 Hakenschlüssel (m)
hook spanner
clé (f) à crochet, clé (f) à téton

ключъ (m) для круглыхъ головокъ
chiave (f) a gancio
llave (f) de gancho *ó* para tuercas circulares

---

5 Stiftschlüssel (m), Gabelschlüssel (m)
fork *or* pin wrench *or* spanner
clé (f) à griffes

вилочный *или* циркульный ключъ (m)
chiave (f) a forchetta
llave (f) de horquilla, llave (f) tenedor

---

6 Achskappenschlüssel (m), Radmutterschlüssel (m)
axle wrench
clé (f) pour chapeaux de roues, clé (f) pour écrous d'essieux

ключъ (m) для колёсныхъ гаекъ
chiave (f) per calotte di ruota
llave (f) para tuercas de ejes

---

7 Gabelschlüssel (m) mit verstellbarer Maulweite
adjustable fork spanner
clé (f) à compas *ou* à ergots [à ouverture réglable]

раздвижной вилочный *или* циркульный ключъ (m)
chiave (f) a forchetta con apertura regolabile
llave (f) de compás de abertura graduable

---

8 löten (v)
to solder
souder (v) (avec de la soudure)

паять
saldare (v)
soldar (v)

---

9 weich löten (v)
to soft solder, to sweat
souder (v) à la soudure tendre (à l'étain)

паять мягкимъ припоемъ
saldare (v) a dolce *od* a stagno
soldar (v) con soldadura de estaño

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hart löten (v)
to braze
souder (v) à la soudure forte, souder (v) avec un fondant, braser (v)

паять крѣпкимъ припоемъ
saldare (v) a forte *1*
soldar (v) con soldadura fuerte

Lötung (f), Löten (n)
soldering
soudure (f)

пайка (f); спайка (f); паяніе (n)
saldatura (f) *2*
soldadura (f)

---

lötbar (adj)
capable of being soldered
soudable (adj)

способный спаиваться; поддающійся спаиванію *3*
saldabile (agg)
soldable (adj)

Lötnaht (f)
soldered seam
soudure (f), joint (m) soudé

шовъ (m) спайки
giunto (m) di saldatura
soldadura (f), junta (f) soldada *4*

Lötstelle (f)
soldered joint
soudure (f), endroit (m) soudé

мѣсто (n) спайки
saldatura (f), punto (m) o luogo (m) di saldatura *5*
[lugar (m) de] soldadura (f)

Lötkolben (m)
soldering iron
fer (m) à souder

паяльникъ (m)
saldatoio (m)
soldador (m) *6*

Hammerkolben (m)
hammerheaded soldering iron
fer (m) à souder [forme marteau]

молоткообразный паяльникъ (m)
saldatoio (m) a martello *7*
soldador (m) de corte

Spitzkolben (m)
pointed soldering iron
fer (m) à souder pointu

остроконечный паяльникъ (m)
saldatoio (m) a punta *8*
soldador (m) apuntado

Benzinlötkolben (m)
soldering iron heated by petrol, blow lamp soldering iron
fer (m) à souder à essence

бензиновый паяльникъ (m)
saldatoio (m) a benzina *9*
soldador (m) de bencina

Gaslötkolben (m)
gas heated soldering iron
fer (m) à souder à gaz

газовый паяльникъ (m)
saldatoio (m) a gas *10*
soldador (m) de gas

Lötlampe (f)
blow lamp
lampe (f) à souder

паяльная лампа (f)
lampada (f) per saldare *11*
lámpara (f) para soldar

Stichflamme (f)
blow pipe flame
dard (m) [de flamme]

паяльное пламя (n)
fiamma (f) concentrata
llama (f) delgada, dardo (m) *12*

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1	Lötpistole (f) blow pipe chalumeau (m) à souder	паяльная трубка (f) для газа въ видѣ пистолета [съ пружиннымъ краномъ] cannello-saldatoio (m) soplete (m) de soldar
2	Lötzange (f) soldering tongs pince (f) à souder, pince (f) du chalumeau	паяльные клещи (m pl) pinzetta (f) da saldatore pinzas (f pl) del soldador
3	Flußmittel (n) flux fondant (m)	плавень (m); флюсъ (m) fondente (m) material (m) para fundir
4	Lötwasser (n) soldering fluid chlorure (m) de zinc en solution, eau (f) à souder	паяльная вода (f); соляная кислота (f), „отравленная“ цинкомъ liquido (m) per saldare líquido (m) para limpiar las piezas de soldar, cloruro (m) de zinc disuelto
5	Lötsäure (f) soldering acid acide (m) chlorhydrique dilué, acide (m) à souder	паяльная кислота (f) acqua (f) forte, acido (m) per saldare ácido (m) para soldar
6	Kolophonium (n) colophonium colophane (f)	канифоль (f); гарпіусъ (m) resina (f), colofonia (f) colofonia (f)
7	Salmiak (m) sal ammoniac chlorure (m) d'ammonium, sel (m) ammoniac, chlorhydrate (m) d'ammoniaque	нашатырь (m) sale (m) ammoniaco sal (m) amoniaco, cloruro (m) de amoniaco
8	Borax (m) borax borax (m), biborate (m) de sodium	бура (f) borace (m) bórax (m)
9	Lot (n) solder soudure (f) (l'alliage pour souder)	припой (m) saldatura (f) soldadura (f) (material para soldar)
10	Bleilot (n) lead solder plomb (m) à souder	свинцовый припой (m) piombo (m) per saldare, piombino (m) plomo (m) para soldar
11	Lötzinn (n) tin solder étain (m) à souder	олово (n) для паянія stagno (m) per saldare estaño (m) para soldar
12	Silberlot (n) silver solder paillon (m) d'argent	серебряный припой (m) saldatura (f) d'argento soldadura (f) de plata

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Hartlot (n)
hard solder
brasure (f) (alliage (m) pour braser)

крѣпкій *или* твёрдый припой (m)
saldatura (f) forte
soldadura (f) fuerte
1

Schlaglot (n)
brazing solder, spelter
soudure (f) forte

крѣпкій *или* твёрдый припой (m)
saldatura (f) forte
soldadura (f) dura
2

Lötofen (m)
brazing furnace
four (m) à souder

паяльная печь (f)
fornello (m) per saldare
horno (m) de soldar
3

Holzkohle (f)
charcoal
charbon (m) de bois

древесный уголь (m)
carbone (m) dolce, carbone (m) di legno
carbón (m) de madera
4

Gießlöffel (m)
ladle, dipper
cuiller (f) *ou* poche (f) à couler

литейный ковшъ (m)
cucchiaio (m) da saldatore
cuchara (f) para soldar
5

Schmirgelleinen (n), Schmirgelpapier (n)
emery paper
papier (m) émerisé, papier (m) [à l'] émeri

наждачная бумага (f); наждачное полотно (n); шкурка (f)
carta (f) smerigliata
papel (m) esmeril
6

Sandpapier (n)
sand paper
papier (m) de sable

песчаная бумага (f) *или* шкурка (f)
carta (f) a sabbia
papel (m) de arena
7

Glaspapier (n)
glass paper
papier (m) de verre

стекляная бумага (f) *или* шкурка (f)
carta (f) vetrata
papel (m) de vidrio
8

Emaille (f)
enamel
émail (m)

эмаль (f); глазурь (f); финифть (m)
smalto (m)
esmalte (m)
9

emaillieren (v)
to enamel
émailler (v)

эмальировать; глазурить
smaltare (v)
esmaltar (v)
10

Meßwerkzeug (n)
measuring tool
instrument (m) de mesure

инструментъ (m) для измѣренія
utensile (m) per misurare *o* di misura
instrumento (m) de medida
11

Maßstab (m)
rule
échelle (f)

масштабъ (m); масштабная линейка (f)
scala (f), regolo (m)
escala (f)
12

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1 Winkel (m)
square
équerre (f) [en fer]

угольникъ (m)
squadra (f)
escuadra (f)

2 Schublehre (f)
sliding caliper *or* gauge
pied (m) à coulisse

раздвижной калибръ (m)
calibro (m) a corsoio
pie (m) de Rey

3 Schraubenlehre (f)
screw gauge
jauge (f) à vis, calibre (m) à vis, palmer (m)

винтовой калибръ (m); шубригель (m)
calibro (m) a vite
calibre (m) de tornillo, Palmer (m)

4 Gewindelehre (f)
thread gauge
calibre (m) de filetage, calibre (m) pour pas de vis

калибръ (m) винтовой нарѣзки
calibro (m) per filetto di vite
calibre (m) para rosca

5 Normallehre (f), Rachenlehre (f)
standard gauge
calibre (m) normal *ou* étalon

нормальный калибръ (m)
calibro (m) normale
calibre (m) normal *ó* patrón

6 Taster (m)
calipers
compas (m) d'épaisseur

кронциркуль (m)
compasso (m) a punte fisse
compás (m) de espesores

7 Wasserwage (f), Libelle (f)
water level, level
niveau (m) d'eau, niveau (m) à bulle d'air

ватерпасъ (m); уровень (m)
livello (m) a bolla d'aria
nivel (m) de aire

8 Umlaufzähler (m), Tourenzähler (m)
revolution indicator, tachometer
compte-tours (m), compteur (m) de tours, tachymètre (m)

счётчикъ (m) числа оборотовъ; тахоскопъ (m)
contagiri (m), tachimetro (m)
contador (m) de giros *ó* de vueltas

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Splinttreiber (m)
nail punch
chasse-goupille (m)

бородокъ (m), для выбивки шплинта(чеки)
punzone (m) per correggie
saca-pasador (m), botador (m)

1

Brechstange (f)
crowbar
anspect (m)

ломъ (m)
palanchino (m)
palanca (f), alzaprima (f)

2

Bindfaden (m), Kordel (f), Spagat (m)
string, twine, cord
ficelle (f)

[тонкая] бичёвка (f)
spago (m)
bramante (m), cuerdecilla (f)

3

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XI.

Betrieb und Wartung

Operation and Maintenance

Service et entretien

Дѣйствіе и уходъ

Esercizio e manutenzione

Servicio y entretenimiento

[polizeiliches] Strafmandat (n)
1 summons
mandat (m) de police, avis (m) de payement d'une amende

административное взысканіе (n)
avviso (m) di contravvenzione
multa (f) impuesta por la policía

Polizeivorschrift (f)
2 police regulation
règlement (m) de police

предписаніе (n) полиціи; обязательное постановленіе (n)
regolamento (m) di polizia
reglamento (m) de policía

---

die zulässige Geschwindigkeit überschreiten (v)
3 to exceed the speed limit
excéder (v) *ou* dépasser (v) la vitesse permise

превысить допустимую скорость
eccedere (v) *o* sorpassare (v) la velocità permessa
exceder (v) la velocidad permitida

Schutzmann (m), Polizist (m)
4 policeman, constable
policier (m), agent (m) de police, gardien (m) de la paix

городовой (m)
guardia (f) di questura, questurino (m), poliziotto (m)
guardia (f) (de policía)

Gendarm (m)
5 gendarme
gendarme (m)

жандармъ (m)
gendarme (m), carabiniere-reale (m)
gendarme (m), guardia (f) civil

Einspruch erheben (v)
6 to appeal
interjeter (v) appel, aller (v) en appel

обжаловать
ricorrere (v) in appello
interponer (v) recurso de apelación

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Betrieb (m) working, running, service, operation service (m), fonctionnement (m), exploitation (f)	эксплоатація (f); движеніе (n) esercizio (m), servizio (m) servicio (m), funcionamiento (m), explotación (f)	1
Automobilbetriebsgesellschaft (f) motor service company, automobile operating company (A) société (f) d'exploitation d'un service d'automobiles	общество (n) эксплоатаціи автомобильнаго движенія; общество автомобильнаго сообщенія società (f) per l'esercizio di automobili sociedad (f) explotadora de un servicio de automóviles	2
Betriebsunternehmen (n) motor service scheme, automobile enterprise (A) entreprise (f) de transport	предпріятіе (n) для эксплоатаціи [автомобильнаго движенія] impresa (f) di trasporto (passeggeri e merci) empresa (f) de transportes	3
Geschäftsführer (m) manager gérant (m)	завѣдывающій (m) дѣлами gerente (m) dell'impresa gerente (m)	4
betriebsfähig in running order en état de service, en ordre de marche	готовый къ дѣйствію in ordine di servizio, in ordine di marcia en orden de marcha, en estado de funcionamiento	5
Betriebsfähigkeit (f) good working condition, good working order [bon] état (m) de service, condition (f) de marche satisfaisante	готовность (f) къ дѣйствію stato (m) di buon funzionamento buen estado (m) de funcionamiento	6
Betriebsanlage (f) plant installation (f) servant à l'exploitation	зданія (n pl) и установки (f pl) службы движенія *или* службы эксплоатаціи impianto (m) dell'esercizio instalaciones (f pl) para la explotación	7
Fahrzeugbetrieb (m) service of vehicles *or* cars service (m) d'automobiles	движеніе (n) автомобилей servizio (m) di veicoli servicio (m) de automóviles	8
Betriebsverhältnisse (n pl) service conditions conditions (f pl) de service	условія (n pl) для движенія condizioni (f pl) del servizio condiciones (f pl) de funcionamiento	9

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1	Betriebseröffnung (f) opening *or* commencement of the service inauguration (f) du service, commencement (m) de l'exploitation	открытіе (n) движенія apertura (f) del servizio inauguración (f) del servicio
2	eine Omnibuslinie betreiben (v) to run an omnibus line exploiter (v) une ligne d'omnibus	эксплоатировать омнибусную линію esercire (v) un servizio d' omnibus explotar (v) una línea de ómnibus
3	Wagenpark (m) fleet of cars, rolling stock (A) parc (m) aux voitures	экипажный паркъ (m); автобусный паркъ parco (m) di vetture parque (m) de coches
4	Benutzungsziffer (f), Frequenz (f) use, frequency fréquence (f) [des voyages]	пользованіе (n); число (n) пассажировъ frequentazione (f), frequenza (f) frecuencia (f) de los viajes
5	Wagenbegleiter (m), Schaffner (m) conductor, guard (A) receveur (m) de la voiture	кондукторъ (m) bigliettinaio (m) conductor (m) del coche, revisor (m) de billetes
6	Betriebsicherheit (f) reliability of service sécurité (f) de service	безопасность (f) движенія sicurezza (f) del servizio seguridad (f) de servicio
7	Betriebstörung (f) interruption of the service dérangement (m) dans le service, panne (f)	перерывъ (m) движенія; нарушеніе (n) движенія interruzione (f) del servizio interrupción (f) ó trastorno (m) en la marcha
8	Aushilfswagen (m), Reservewagen (m) stand-by car voiture (f) de réserve	резервная *или* вспомогательная коляска (f) vettura (f) di riserva coche (m) de reserva
9	Bedienungsvorschrift (f), Wartungsvorschrift (f) service instructions *or* regulations règlement (m) de service	правила (n pl) ухода regolamento (m) del servizio instrucción (f) para el servicio
10	den Wagen führen (v) to drive the car conduire (v) la voiture	управлять автомобилемъ condurre (v) *o* guidare (v) la vettura conducir (v) el coche
11	Wagenführer (m) driver conducteur (m) de la voiture, chauffeur (m), voituriste (m)	шоффёръ (m) conduttore (m) della vettura, manovratore (m) conductor (m) del coche

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Behandlung (f), Wartung (f) [des Motors]
treatment of the motor
soins (m pl) à donner au moteur, entretien (m) d'un moteur

уходъ (m) за моторомъ
manutenzione (f) del motore
entretenimiento (m) ó conservación (f) del motor
1

Fahrt (f)
route
course (f)

поѣздка (f)
viaggio (m), corsa (f)
viaje (m), recorrido (m)
2

Anfahren (n)
starting
démarrage (m)

разгонъ (m); троганіе (n) съ мѣста
avviamento (m)
arranque (m)
3

---

anhalten (v)
to stop
s'arrêter (v)

останавливать
fermare (v)
pararse (v)
4

Schnelligkeit (f)
speed
vitesse (f)

скорость (f)
velocità (f)
velocidad (f), rapidez (f)
5

Andrehen (n) [*oder* Anwerfen (n)] des Motors
throwing the motor into gear, clutching in, to crank (A)
mise (f) en marche du moteur

проворачивать моторъ для пуска въ ходъ: запусканіе (n) двигателя; пускъ (m) въ ходъ двигателя посредствомъ рукоятки
avviare (v) il motore, mettere (v) in moto il motore
puesta (f) en marcha del motor
6

---

in Gang setzen (v)
to start, to set in motion
mettre (v) en marche

пустить (пускать) въ ходъ
mettere (v) in marcia
poner (v) en marcha
7

---

andrehen (v), ankurbeln (v), anlassen (v)
to start the motor
lancer (v), démarrer (v), mettre (v) en marche

проворачивать посредствомъ рукоятки; пускать въ ходъ
azionare (v), mettere (v) in azione la manovella d'incamminamento
arrancar (v), poner (v) en marcha
8

Leerlauf (m) *oder* Leergang (m) des Motors
running light
marche (f) à vide

холостой ходъ (m) двигателя *или* мотора
marcia (f) a folle *od* a vuoto
marcha (f) en vacío, marcha sin carga del motor
9

---

leerlaufend
running light
marchant à vide

работающій въ-холостую
marciando a folle *od* a vuoto
marchando en vacío ó sin carga
10

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1	Leistung (f) (des Wagens) performance, capacity puissance (f) [d'un moteur d'automobile]	мощность (f) [автомобиля] rendimento (m) (del motore) potencia (f) *ó* capacidad (f) de un motor de automóvil
2	Stillstand (m) (des Motors) stoppage (of the motor) arrêt (m) (du moteur)	остановка (f) двигателя *или* мотора arresto (m) (del motore) parada (f) (del motor)
3	Reibungsverlust (m) loss (of power) by friction perte (f) par frottement	потеря (f) на треніе; потеря отъ тренія perdita (f) causata da sfregamento *od* attrito pérdida (f) por rozamiento
4	Warmlaufen (n) running warm *or* hot échauffement (m)	нагрѣваніе (n) при работѣ riscaldamento (m) calentamiento (m)
5	sich abnützen (v) to wear out s'user (v)	изнашиваться consumarsi (v) desgastarse (v), usarse (v)
6	Festbrennen (n) seizing grippage (m)	заѣданіе (n) grippamento (m), ingranamento (m) aprieto (m) por calentamiento excesivo
7	Garage (f), Wagenhalle (f), Wagenschuppen (m) garage, car shed garage (m)	гаражъ (m) garage (m), rimessa (f) garaje (m)
8	Unterstellraum (m), Unterkunftsraum (m) shelter local (m) de garage	сарай (m) *или* навѣсъ (m) для автомобилей locale (m) di garage sala (f) cubierta de garaje
9	Garageleiter (m) garage foreman *or* manager gérant (m) du garage, directeur (m) de garage	завѣдывающій (m) гаражемъ direttore (m) del garage gerente (m) del garaje
10	ein Automobil in die Garage bringen (v) to bring a car into the garage garer (v) un automobile, conduire (v) un auto dans le garage	привести автомобиль въ гаражъ condurre (v) una vettura al garage conducir (v) un automóvil al garaje
11	Wagenplan (m), Wagenplane (f) car cover *or* tarpaulin bâche (f) de voiture	брезентъ (m) copertone (m) della vettura funda (f) *ó* cubierta (f) para coche

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den Wagen mit einem Plane zudecken (v)
to cover the car with a tarpaulin
bâcher (v) la voiture, recouvrir (v) la voiture d'une bâche

прикрыть коляску брезентомъ
coprire (v) la vettura con un copertone
cubrir (v) el coche con un tendal ó una funda

1

Rampe (f)
slope
rampe (f)

подъёмъ (m)
rampa (f)
rampa (f), pendiente (f)

2

---

herunterfahren (v)
to drive down
descendre (v)

съѣхать
scendere (v)
descender (v) [en carruaje]

3

Schiebebühne (f)
traverser
chariot (m) transbordeur, transbordeur (m)

подвижная платформа (f)
carrello (m) per vettura
transbordador (m)

4

Tor (n)
gate, gateway
porte (f) cochère

ворота (n pl)
porta (f) d'entrata
puerta (f) cochera

5

Torflügel (m)
gate wing
battant (m) *ou* vantail (m) de porte cochère

створка (f) *или* половинка (f) воротъ
battente (m) della porta
hoja (f) de una puerta

6

---

zementierter Fußboden (m)
concrete floor
sol (m) cimenté

цементный полъ (m)
pavimento (m) di cemento
suelo (m) ó piso (m) cementado

7

---

asphaltierter Fußboden (m)
asphalt floor
sol (m) asphalté

асфальтовый полъ (m)
pavimento (m) di asfalto
suelo (m) ó piso (m) asfaltado

8

---

mit Gefälle angelegter Fußboden (m)
floor made with a fall
sol (m) incliné

полъ (m) съ уклономъ; наклонный полъ
pavimento (m) inclinato
suelo (m) ó piso (m) inclinado

9

Abflußkanal (m) für das Wasser
gutter
caniveau (m) d'écoulement d'eau

водосточный каналъ (m); водостокъ (m)
canale (m) di scolo dell'acqua
canal (f) de desagüe ó de salida del agua

10

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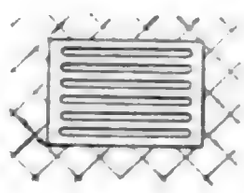
eiserner Rost (m) zum Abdecken eines Schlammfanges [Gullys]
gully grating
grille (f) en fer pour recouvrir un regard d'égout



желѣзная рѣшётка (f) для перекрытія смотрового колодца
graticola (f) di ferro per la copertura del canale
parrilla (f) de hierro de cubierta de la canal

11

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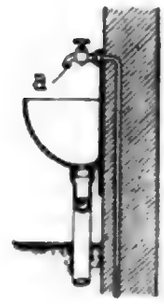

1 Wasserleitung (f)
water pipe line
conduite (f) d'eau

водопроводъ (m)
condotta (f) d'acqua
conducto (m) de agua

2 Schlauchanschluß (m)
hose union
raccord (m) de boyaux *ou* tuyaux

a

присоединеніе (n) [пожарнаго] рукава
raccordo (m) per tubo
unión (f) de tubos flexibles

3 Feuerlöscheinrichtung
fire extinguishing [(f) apparatus, extinguisher (A)
installation (f) d'extinction d'incendie

огнегасительные снаряды (m pl)
impianto (m) per l'estinzione d'incendio
instalación (f) de extinción de incendios

4 Schlauchkasten (m)
hose box
caisse (f) pour les boyaux *ou* tuyaux (d'incendie)

ящикъ (m) для пожарнаго рукава
cassa (f) dei tubi da getto
caja (f) para los tubos flexibles

5 [Hand-] Spritze (f)
hose nozzle
lance (f) à main

ручная пожарная труба (f)
estintore (m) a mano
lanza (f) para el servicio de incendios, manguera (f)

6 Strahlrohr (n)
jet nozzle
ajutage (m) de la lance

стволъ (n); брандспойтъ (m)
lancia (f) con getto a colonna
[tobera (f) de la] manguera (f)

7 Brause (f)
spray
crépine (f), pomme (f) d'arrosoir

брызгалка (f)
getto (m) a pioggia
pomo (m) de regadera

8 Eimer (m)
pail, bucket
seau (m)

ведро (n)
secchio (m)
cubo (m), cántaro (m)

9 trockener Sand (m)
dry sand
sable (m) sec

сухой песокъ (m)
sabbia (f) asciutta
arena (f) seca

10 Sandfackel (f)
sand cartridge
torche (f) à sable

песочный огнетушитель (m)
torcia (f) a sabbia
hacha (f) de arena

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Sandeimer (m)
sand bucket
seau (m) à sable

ведро (n) съ пескомъ
secchio (m) da sabbia 1
cubo (m) para arena

Löschfackel (f)
extinguisher
torche (f) d'extinction

огнетушитель (m)
torcia (f) d'estinzione 2
antorcha (f) de extinción

---

feuersichere Decke (f), feuersicher getränkte Decke (f), Löschdecke (f)
fire proof mat
bâche (f) *ou* couverture (f) incombustible

несгораемый брезентъ (m), пропитанный особымъ составомъ; брезентъ для тушенія 3
coperta (f) incombustibile
cubierta (f) á prueba del fuego

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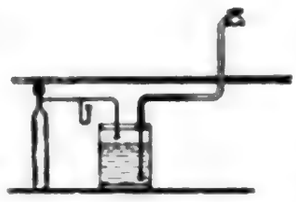
explosionssichere Benzinlagerung (f)
safety petrol store
dépôt (m) d'essence protégé contre les explosions

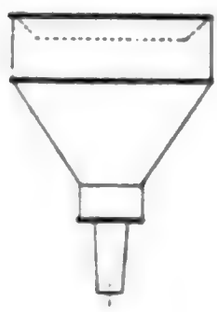


безопасный въ пожарномъ отношеніи бензиновый складъ (m)
deposito (m) di benzina inesplodibile 4
depósito (m) de gasolina de seguridad contro las explosiones

Zapfstelle (f)
point of draw off
prise (f) d'essence

мѣсто (n) накачки (бензина)
punto (m) di presa, presa (f) della benzina 5
toma (f) de gasolina

Einfülltrichter (m)
funnel
entonnoir (m) de remplissage



воронка (f)
imbuto (m) di riempimento 6
embudo (m) de relleno

Umkleideraum (m) für die Wagenführer
dressing room for the drivers
vestiaire (m) pour les chauffeurs

раздѣвальня (f) для шоффёровъ
guardaroba (f) per i meccanici 7
vestuario (m) ó guardarropia (f) para los conductores

Arbeitsanzug (m), Arbeitskittel (m)
overalls
vêtement (m) de travail

рабочій костюмъ (m)
abito (m) *o* giubba (f) da lavoro 8
traje (m) de trabajo

Waschraum (m)
lavatory
salle (f) de toilette, lavabo (m)

умывальня (f); умывальная (f); уборная (f)
gabinetto (m) di toeletta 9
lavadero (m)

Waschbecken (n)
washbasin
cuvette (f) de lavabo

умывальникъ (m)
lavabo (m), catino (m), catinella (f) 10
palangana (f), jofaina (f)

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1	Seife (f) soap savon (m)	мыло (n) sapone (m) jabón (m)
2	Schmierseife (f) soft soap savon (m) mou, savon (m) vert	мягкое мыло (n); жидкое мыло; зелёное мыло sapone (m) molle, sapone (m) verde jabón (m) negro ó graso
3	Handtuch (n) towel essuie-main (m)	полотенце (n) asciugamani (m) toalla (f), paño (m) de manos
4	Garagekosten (f pl) working costs of garage frais (m pl) de garage	плата (f) за пользованіе гаражемъ; расходы (m pl) по гаражу spese (f pl) di garage gastos (m pl) de garaje
5	Wartung (f) attendance soins (m pl), entretien (m)	уходъ (m) cura (f), governo (m) conservación (f), entretenimiento (m)
6	Instandsetzung (f) putting into good condition mise (f) en état	приведеніе (n) въ исправность rimessa (f) in buono stato puesta (f) en servicio
7	Instandhaltung (f) maintenance entretien (m)	содержаніе (n) въ исправности manutenzione (f) conservación (f)
8	Reinigung (f) cleaning nettoyage (m)	чистка (f) pulizia (f) limpieza (f)
9	Nachsehen (n) des Motors overhauling of the motor contrôle (m) du moteur	осмотръ (m) двигателя; осмотръ мотора controllo (m) del motore vigilancia (f) del motor
10	die Zündung nachstellen (v) to adjust the timing of the spark *or* ignition régler (v) l'allumage	подрегулировать зажиганіе *или* запалъ registrare (v) l'accensione reglar (v) el encendido
11	die Bremsen nachziehen (v) to tighten the brake gear resserrer (v) les freins	подтянуть (подтягивать) тормаза registrare (v) i freni apretar (v) de nuevo los frenos
12	die Bremsbacken auswechseln (v) to change the brake blocks remplacer (v) les sabots des freins	перемѣнить тормазныя колодки sostituire (v) gli zoccoli *o* le ciabatte del freno cambiar (v) las mordazas ó zapatas de los frenos

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die Kupplung neu beledern (v) [*oder* beziehen (v)]
to re-leather the clutch
renouveler (v) le cuir de l'embrayage

вставить новую кожу въ сцѣпленіе; возобновить кожу въ механизмѣ сцѣпленія; перемѣнить кожу во фрикціонѣ
ricoprire (v) la frizione con nuovo cuoio
cambiar (v) el cuero del embrague

1

---

die Zünder frisch verpacken (v)
to renew the sparking plug washers
renouveler (v) la garniture des allumeurs

поставить новую прокладку на зажигатели
mettere (v) le guarnizioni nuove alle candele
renovar (v) la empaquetadura de los inflamadores

2

---

den Wagen waschen (v)
to wash the car
laver (v) la voiture

вымыть коляску
lavare (v) la vettura
lavar (v) el coche

3

Putzwolle (f)
cotton waste
déchets (m pl) de laine (pour le nettoyage)

очёски (m pl); концы (m pl)
filetto (m) vergine per pulire
lana (f) para limpiar

4

Putzlappen (m)
polishing cloth
chiffon (m) de nettoyage

тряпка (f)
straccio (m) per pulire
trapo (m) para la limpieza

5

Wischtuch (n)
sponge cloth, swab
torchon (m)

пыльная тряпка (f)
strofinaccio (m)
paño (m) de lienzo (para limpiar)

6

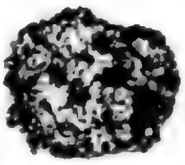
---

den Wagen abspritzen (v)
to hose down the car body
rincer (v) la voiture à la lance

обмыть коляску изъ рукава
lavare (v) la vettura al getto d'acqua
regar (v) el coche con la manguera

7

Schwamm (m)
sponge
éponge (f)



губка (f)
spugna (f)
esponja (f)

8

Waschleder (n), Gemsleder (n)
Chamois leather
peau (f) de chamois

замша (f)
pelle (f) di daino *o* di camoscio
piel (f) de gamuza

9

---

die Lackierung abledern (v) *oder* polieren (v)
to polish the enamel
polir (v) le vernis

отполировать лакировку
pulire (v) la verniciatura
pulimentar (v) el barniz

10

---

den Wagen abstauben (v)
to dust down the body
épousseter (v) la voiture

стереть пыль съ коляски
spolverare (v) la vettura
quitar (v) *ó* sacudir (v) el polvo del coche

11

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1 die Polster ausbürsten (v)
to brush down the cushions and seats
brosser (v) les coussins

вычистить щёткой подушки сидѣній
spazzolare (v) i cuscini
cepillar (v) los cojines ó las almohadas

2 Staubpinsel (m)
dusting brush
époussetoir (m), pinceau (m) à épousseter

кисть (f) для пыли; метёлка (f)
pennello (m) per spolverare
pincel (m) ó brocha (f) de sacudir el polvo

3 Klopfer (m), Ausklopfer (m) (für Polsterkissen)
cane beater
bat-coussins (m), battoir (m) *ou* frappoir (m) [pour coussins]

колотушка (f) для выколачиванія пыли изъ подушекъ
frusta (f), battipanni (m)
pala (f) para batir cojines

4 die Polstersitze ausklopfen (v)
to beat the cushions
battre (v) les sièges rembourrés

выколотить пыль изъ мягкихъ подушекъ
battere (v) i cuscini
sacudir (v) el polvo de los asientos almohadillados

5 Polsterbürste (f)
chair brush
brosse (f) pour coussins

щётка (f) для подушекъ
spazzola (f) per cuscini
cepillo (m) para cojines

6 die Reifen abwaschen (v)
to wash the tyres
laver (v) les bandages

обмыть шины
lavare (v) le gomme
lavar (v) los neumáticos

7 Pneumatikbürste (f)
brush for the tyres
brosse (f) à pneus

щётка (f) для пневматическихъ шинъ
spazzola (f) per pneumatici
cepillo (m) para neumáticos

8 Kettenbürste (f)
chain brush
nettoie-chaîne (m), brosse (f) pour chaînes

щётка (f) для цѣпей
spazzola (f) per catene
cepillo (m) para las cadenas

9 die Ketten nachspannen (v)
to tighten the chains
retendre (v) les chaînes

подтянуть цѣпи
tendere (v) le catene
tensar (v) de nuevo las cadenas

10 die Räder abziehen (v)
to take off *or* remove the wheels
enlever (v) les roues

снять колёса
smontare (v) le ruote
quitar (v) ó desmontar (v) las ruedas

11 Putzwasser (n)
water for cleaning
eau (f) pour le nettoyage

вода (f) для чистки
acqua (f) per pulire o per lavare
agua (f) de limpieza

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Metallputzcreme (f), Metallputzpasta (f)
polishing paste
crème (f) pour nettoyer les métaux

кремъ (m) *или* мазь (f) *или* паста (f) для чистки металла
pasta (f) per pulire i metalli
pasta (f) para la limpieza de los metales

1

Zylinderbürste (f)
cylinder brush
écouvillon (m), goupillon (m)

щётка (f) для цилиндровъ
spazzola (f) cilindrica
escobillón (m)

2

Stahldrahtbürste (f)
wire brush
brosse (f) en fil d'acier

щётка (f) изъ стальной проволоки
spazzola (f) di filo d'acciaio
cepillo (m) de alambre de acero

3

Aluminiumbronze (f) (als Metallanstrich)
aluminium paint
teinte (f) de bronze d'aluminium [peinture]

алюминіевая бронза (f); алюминіевая краска (f)
bronzo (m) d'alluminio (per tingere)
pintura (f) de bronce de aluminio

4

Eisenlack (m)
black enamel for iron
vernis (m) pour fer

лакъ (m) для крытія желѣза
vernice (f) per ferro
laca (f) para el hierro

5

Metallfarbe (f)
metallic paint
couleur (f) pour métaux

краска (f) для металловъ
colore (m) per metalli
color (m) ó pintura (f) para metales

6

Schleifpaste (f) zum Einschleifen der Ventile
emery paste for grinding in the valves
pâte (f) à roder les soupapes

шлифовальная паста (f); мазь (f) для притирки клапановъ
spoltiglio (m) per smerigliare le valvole
pasta (f) para esmerilar las válvulas

7

Rostschutzmittel (n)
rust preventer
préservatif (m) contre la rouille

средство (n) противъ ржавленія
preparato (m) antiruggine
medio (m) de protección ó de defensa contra el moho ó contra la oxidación

8

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XII.

Beschädigungen und Ausbesserung

Defects and Repairs

Défauts et réparation

Поврежденія и ремонтъ

Difetti e riparazioni

Averías y reparaciones

1	Störung (f) trouble dérangement (m)	неисправность (f) interruzione (f), perturbamento (m), disturbo (m) desarreglo (m)
2	Beschädigung (f), Defekt (m) defect, fault défaut (m)	повреждение (n); порча (f); дефектъ (m) difetto (m) defecto (m)
3	Rahmenbruch (m) fracture of the frame rupture (f) de châssis	поломка (f) рамы; поломка шасси rottura (f) del telaio rotura (f) del bastidor
4	Verstärkungslasche (f) cover strap, cover plate, stiffening plate, flitch plate éclisse (f) *ou* couvre-joint (m) de renforcement	крѣпляющая накладка; накладка (f) для прочности flangia (f) di rinforzo chapa (f) de refuerzo
5	eine Verstärkungslasche aufnieten (v) to rivet on a stiffening plate river (v) une plaque de renforcement sur le châssis	приклепать накладку для прочности ribadire (v) una flangia di rinforzo remachar (v) una chapa de refuerzo
6	Radbruch (m) breakage of a wheel rupture (f) de roue	поломка (f) колеса rottura (f) della ruota rotura (f) de una rueda
7	eine Speiche ist angesplittert a spoke is splintered un rayon s'est fendille	спица (f) треснула una razza si è spaccata un radio está roto *ó* hendido

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Achsbruch (m) fracture of an axle rupture (f) d'essieu	поломка (f) оси rottura (f) della sala rotura (f) de eje	1
die Kardanbrücke ist gebrochen the live axle casing is broken la pièce de liaison du cardan est brisée	карданное соединенiе (n) сломано; карданъ (m) сломанъ il ponte posteriore ha ceduto la junta á la del cardan está rota	2
die Räder stehen *x*-beinig the wheels are askew les roues s'inclinent	колёса (n pl) не параллельны le ruote inclinano las ruedas tienen inclinación *ó* se inclinan	3
Zurückschlagen (n) der Explosionsflamme back firing, firing back retour (m) de la flamme d'explosion	отбрасыванiе (n) назадъ пламени ritorno (m) della fiamma d'esplosione, ritorno (m) di fiamma retroceso (m) de la llama de explosión	4
Isolationsfehler (m) insulation defect défaut (m) d'isolement	поврежденiе (n) изоляцiи difetto (m) d'isolamento falta (f) de aislamiento	5
Zündungsstörung (f) ignition trouble dérangement (m) de l'allumage	поврежденiе(n) запала; порча (f) зажиганiя *или* воспламененiя difetto (m) d'accensione perturbación (f) del encendido	6
abbauen (v), demontieren (v) to dismantle démonter (v)	разбирать, разобрать smontare (v) desmontar (v)	7
Nachspannen (n) der Feder the resetting of the spring action (f) de retendre les ressorts	подтя-нуть (-гивать) рессору ritendere (v) la molla el extender de nuevo los resortes	8
der Gang des Motors ist unregelmässig the running of the motor is irregular la marche du moteur est irrégulière	неравномѣрный ходъ (m) двигателя *или* мотора la marcia del motore è sregolata *o* irregolare la marcha del motor es irregular	9
Auseinandernehmen (n) des Motors taking the motor to pieces, dismantling the engine démontage (m) du moteur	разборка (f) двигателя *или* мотора smontatura (f) del motore desmontado (m) *ó* desarme (m) del motor	10
Lockerwerden (n) getting *or* becoming loose jeu (m)	расшатыванiе (n) allentarsi (v), prender (v) giuoco juego (m)	11

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1	das Pleuellager ist ausgelaufen the connecting rod bottom end bearing has run out le palier de bielle est usé	подшипникъ (m) шатуна разработался *или* выплавился *или* износился il cuscinetto della biella è consumato el cojinete de biela está desgastado
2	der Motor klopft the engine is knocking le moteur cogne	двигатель (m) *или* моторъ (m) стучитъ il motore batte el motor golpea
3	einePleuelkopfschraube ist gebrochen a big end bolt is broken un boulon de la tête de bielle est brisé	болтъ (m) головки шатуна сломанъ un bullone della testa di biella è rotto un perno de la cabeza de biela está roto
4	Sprung (m) (im Material) crack, fissure fente (f), crevasse (f), fissure (f)	трещина (f) screpolatura (f), fenditura (f) grieta (f), rendija (f)
5	Bruch (m) fracture, break bris (m)	разрывъ (m); поломка (f) rottura (f) rotura (f)
6	ausbessern (v) to repair réparer (v)	починить; чинить; ремонтировать riparare (v) reparar (v)
7	Wiederherstellungskosten (f pl) costs of repairing frais (m pl) de réparation	стоимость (f) починки; затраты (f pl) по ремонту; расходы (m pl) на ремонтъ spese (f pl) di riparazione gastos (m pl) de reparación

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XIII.

Sport — Спортъ
Sport — Sport
Sport — Deporte, sport

Automobilklub (m) automobile club automobile-club (m), club (m) automobile	автомобильный клубъ (m); автомобильное общество (n) automobile-club (m), club (m) automobile automóvil (m) club, club (m) automóvil	1
Automobilismus (m), Kraftfahrsport (m) automobilism automobilisme (m)	автомобилизмъ (m) automobilismo (m) automovilismo (m)	2
Automobilist (m), Autofahrer (m) automobilist, motorist automobiliste (m)	автомобилистъ (m) automobilista (m) automovilista (m)	3
Motorradsport (m) motor cycle sport sport (m) motocycliste	мотоциклизмъ (m), какъ спортъ sport (m) motociclistico deporte (m) motociclista	4
Sport treiben (v) to take part in sports, to race faire (v) du sport	заниматься спортомъ предаваться спорту fare (v) dello sport dedicarse (v) al deporte	5
Wettbewerb (m) contest concours (m), concurrence (f)	состязаніе (n) gara (f), concorso (m) concurso (m), concurrencia (f)	6
Wettfahrt (f), Wettrennen (n) race course (f)	гонка (f) corsa (f) carrera (f)	7
Flachrennen (n) flat race *or* contest course (f) de plat	гонка (f) на ровномъ пути; равнинная гонка corsa (f) in piano carrera (f) en llano	8

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1	Bergrennen (n) hill climbing contest course (f) de côtes	гонка (f) на подъёмъ; горная гонка corsa (f) in salita carrera (f) en cuesta
2	Hindernisfahren (n), Gymkhana (f) obstacle race, gymkhana course (f) d'obstacles	ѣзда (f) *или* гонка (f) съ препятствіями corsa (f) con ostacoli, gimkana (f) carrera (f) de obstáculos
3	Bergfahrt (f) mountain tour, hill climb montée (f), parcours (m) en côte *ou* en montagne	ѣзда (f) на подъёмъ; ѣзда въ гору percorso (m) in salita subida (f), recorrido (m) en cuesta *ó* en montaña
4	Talfahrt (f) trip in the valley, descent parcours (m) en vallée, descente (f)	ѣзда (f) подъ гору; ѣзда подъ уклонъ percorso (m) in discesa recorrido (m) en un valle
5	Bahnrennen (n) track racing course (f) sur piste	гонка (f) на трекѣ corsa (f) su pista carrera (f) en pista
6	Zuverlässigkeitsfahrt (f) reliability run épreuve (f) d'endurance	испытаніе (n) на выносливость prova (f) di resistenza prueba (f) de resistencia
7	Verbrauchskonkurrenz (f) (fuel) consumption competition épreuve (f) de consommation	испытаніе (n) на расходъ топлива *или* горючаго prova (f) di consumo prueba (f) de consumo
8	Dauerfahrt (f) long distance trial épreuve (f) *ou* voyage (m) de longue distance	продолжительная ѣзда (f); испытаніе (n) на продолжительный пробѣгъ prova (f) di durata prueba (f) *ó* viaje (m) de distancia
9	Fahrt (f) ohne Halt non-stop run épreuve (f) *ou* course (f) sans arrêts *ou* de continuité	ѣзда (f) безъ остановки; безостановочная ѣзда; испытаніе (n) на безостановочный пробѣгъ prova (f) senza fermata prueba (f) *ó* carrera (f) sin paradas *ó* de continuidad
10	Straßenrennen (n) road race course (f) sur routes	дорожная гонка (f) corsa (f) su strada carrera (f) sobre carretera
11	Rennstrecke (f) route of the race, fixed distance to be run, course parcours (m)	гоночный пробѣгъ (m) percorso (m) recorrido (m)

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Rennbahn (f) race course, track (A) piste (f)	трекъ (m) pista (f) pista (f)	1
Rundstrecke (f) circular route circuit (m)	круговая дистанція (f); круговой пробѣгъ (m) circuito (m) circuito (m)	2
Rundfahrt (f) circular run, round tour épreuve (f) sur circuit fermé	круговая ѣзда (f); гонка (f) по кругу giro (m), percorso (m) del circuito prueba (f) en un circuito cerrado	3
Sternfahrt (f) star shaped course *or* run course (f) en partant d'un point central	ѣзда (f) по направленію къ одному центральному пункту corsa (f) verso un punto centrale carrera (f) con partida de un punto central	4
Ausschreibung (f), Proposition (f) announcement (of conditions of race etc) programme (m) d'un concours, publication (f) (des conditions d'un concours *ou* d'une course)	опубликованіе (n) условій гонки и правилъ испытанія avviso (m), pubblicazione (f) publicación (f) de las condiciones (de una carrera)	5
ein Rennen ausschreiben (v) to announce a race annoncer (v) une course	назначить гонку bandire (v) una corsa anunciar (v) una carrera	6
ein Rennen veranstalten (v) to organise a race organiser (v) une course	устроить гонку; организовать гонку organizzare (v) una corsa organizar (v) una carrera	7
Bedingungen (f pl) conditions (pl), terms (pl) conditions (f pl)	условія (n pl) condizioni (f pl) condiciones (f pl)	8
Bestimmungen (f pl) regulations (pl) règlement (m)	правила (n pl) regolamento (m) reglamento (m)	9
Arbeitsausschuß (m) (race) committee commission (f) (de course)	гоночный комитетъ (m); гоночная комиссія (f) comitato (m) ordinatore della corsa comisión (f) de la carrera	10
die Strecke festlegen (v) to decide on the route *or* course arrêter (v) le parcours	установить дистанцію; опредѣлить длину пробѣга fissare (v) il percorso fijar (v) el recorrido	11

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1	die Strecke abfahren (v) to drive over the course parcourir (v) *ou* faire (v) le parcours	объѣхать дистанцію fare (v) il percorso, percorrere (v) la linea recorrer (v) *ó* trazar (v) el recorrido
2	Absperrung (f) railing off, enclosing clôture (f)	оцѣпленіе (n); огражденіе (n) chiusura (f) cierre (m)
3	absperren (v) to rail off, to enclose, to guard, to keep the course clôturer (v)	оцѣпить; огородить chiudere (v) cerrar (v)
4	Absperrungsmannschaften (f pl) course stewards, men appointed to keep the course clear gardiens (m pl) de la piste	команды (f pl), служащія для оцѣпленія; сторожа (m pl) для огражденія трека personale (m) per la chiusura *o* incaricato della chiusura personal (m) encargado de la vigilancia de la pista
5	Absperrmaßregel (f) enclosing *or* railing-off rules and regulations mesures (f pl) pour la clôture	мѣры (f pl) для оцѣпленія; мѣры для огражденія disposizioni (f pl) di chiusura disposiciones (f pl) para el cierre
6	Unfallverhütungsvorschriften (f pl) rules for prevention of accidents instructions (f pl) pour prévenir les accidents	предписанія (n pl) для предупрежденія несчастій norme (f pl) *o* istruzioni (f pl) per prevenire gli accidenti instrucciones (f pl) para evitar desgracias
7	Unfall (m) accident accident (m)	несчастный случай (m) accidente (m), disgrazia (f) desgracia (f), accidente (m)
8	Unfallstation (f), Rettungswache (f) ambulance station poste (m) de secours	станція (f) для оказанія скорой помощи; пріёмный покой (m) posto (m) di soccorso, guardia (f) medica puesto (m) de socorro
9	Rettungsdienst (m) ambulance service service (m) d'ambulance	санитарная помощь (f); мѣры (f pl) для оказанія первой помощи servizio (m) di salvataggio servicio (m) de ambulancia

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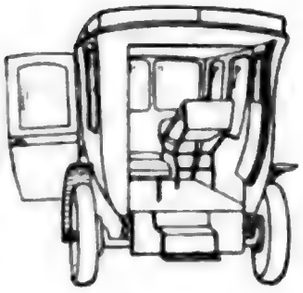
Krankenautomobil (n)
ambulance car
voiture (f) d'ambulance



автомобиль (m) для перевозки больныхъ
automobile (m) d'ambulanza
coche (m) de ambulancia
1

Pneumatiklager (n)
depot for tyres
dépôt (m) de pneu-[matique]s

складъ (m) пневматиковъ
deposito (m) di pneumatici
depósito (m) de neumáticos
2

Nennung (f)
entering (for the race), nomination, putting down the name for taking part
engagement (m)

запись (f)
iscrizione (f)
inscripción (f)
3

Nennungsformular (n)
form of nomination, entrance form
formule (f) d'engagement

формуляръ (m) для записи
modulo (m) d'iscrizione
formulario (m) de inscripción
4

Nennungsgeld (n), Nenngeld (n), Einsatz (m)
entrance fee
droit (m) *ou* taxe (f) d'engagement

плата (f) за запись
tassa (f) d'iscrizione
derechos (m pl) de inscripción
5

Nennungsschluß (m)
closing of the list
clôture (f) des engagements

прекращеніе (n) записи
termine (m) *o* chiusura (f) delle iscrizioni
cierre (m) de las inscripciones
6

Nachnennung (f)
entrance after the list is closed
engagement (m) ultérieur

дополнительная запись (f)
iscrizione (f) dopo il termine *o* dopo la chiusura
inscripción (f) ulterior
7

Reugeld (n)
forfeit, fine
forfait (m)

неустойка (f)
forfait (m)
tanto (m) alzado
8

Zulassung (f) der Wagen
admission of the cars
admission (f) des voitures

допущеніе (n) автомобилей
ammissione (f) delle vetture
admisión (f) de los coches
9

Abnahme (f) der Wagen
taking over the cars
réception (f) des voitures

пріёмка (f) автомобилей
collaudo (m) delle vetture
recepción (f) de los coches
10

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1	Wage (f) weighbridge bascule (f)	вѣсы (m pl) bilancia (f) *o* peso (m) a bilico báscula (f)
2	die Wagen plombieren (v) to seal the cars plomber (v) les voitures	наложить пломбы на автомобили piombare (v) le vetture, applicare (v) il piombo *o* i piombi sellar (v) *ó* precintar (v) los coches
3	Plombe (f) seal plomb (m), cachet (m) de plomb	пломба (f) piombo (m), bollo (m) di piombo sello (m) de plomo, precinto (m)
4	Plombierzange (f) sealing pliers pince (f) à plomber	клещи (m pl) для наложенія пломбъ pinza (f) *o* tenaglia (f) per piombare tenazas (f pl) de precintar
5	Nachmessen (v) des Wagens measurement of the car, measuring the car mesurage (m) de la voiture	провѣрка (f) размѣровъ автомобилей verificare (v) le misure della vettura medición (f) del coche
6	Höchstgewicht (n), Maximalgewicht (n) maximum weight poids (m) maximum	максимальный вѣсъ (m); наибольшій вѣсъ peso (m) massimo peso (m) máximo
7	Mindestgewicht (n), Minimalgewicht (n) minimum weight poids (m) minimum	минимальный вѣсъ (m); наименьшій вѣсъ peso (m) minimo peso (m) mínimo
8	Besetzung (f) des Wagens passengers, number of passengers to be carried occupants (m pl) d'une voiture	число (n) пассажировъ на автомобилѣ; команда (f) автомобиля occupamento (m) della vettura, viaggiatori (m pl) d'una vettura personas (f pl) que ocupan un coche
9	Berufsfahrer (m) professional driver chauffeur (m) professionnel *ou* de métier	гонщикъ (m)-профессіоналъ (m) conduttore (m) professionista mecánico (m) profesional *ó* de oficio
10	Herrenfahrer (m) amateur *or* private driver chauffeur (m) amateur	автомобилистъ (m)-любитель (m); автомобилистъ-спортсмэнъ (m); собственникъ (m) автомобиля за шоффера conduttore (m) dilettante chauffeur (m) amateur

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Fahrschein (m), Führerschein (m), Fahrlizenz (f) driver's licence permis (m) de circulation	билетъ (m) на право ѣзды certificato (m) d'idoneità, permesso (m) di condurre permiso (m) de circulación	1
Führung (f) des Wagens driving the car conduite (f) de la voiture	управленіе (n) автомобилемъ condotta (f) della vettura conducción (f) del coche	2
Start (m), Abfahrt (f) start départ (m)	стартъ (m) traguardo (m) di partenza partida (f), salida (f)	3
starten (v), abfahren (v) to start donner (v) le départ	стартовать dare (v) la partenza dar (v) la salida	4
stehender Start (m) standing start départ (m) arrêté	стартъ (m) съ мѣста; мёртвый стартъ partenza (f) da fermo salida (f) parada ó á coche parado	5
fliegender Start (m) flying start départ (m) lancé	стартъ (m) съ хода partenza (f) lanciata salida (f) á coche lanzado	6
Startzeichen (n) starting signal signal (m) de départ	обозначеніе (n) мѣста старта segnale (m) di partenza señal (f) de salida	7
Starter (m) starter (official) starter (m)	стартеръ (m) starter (m) starter (m)	8
Zeitnehmer (m) time keeper chronométreur (m)	контролёръ (m), отмѣчающій время cronometrista (m) cronometrador (m)	9
das Startband passieren (v) to pass the (starting) tape passer (v) la ligne de depart	пройти ленту старта passare (v) il nastro del traguardo di partenza pasar (v) la línea de salida	10
„gut abkommen" (v) vom Start to get a good start bien partir (v), faire (v) un beau départ	хорошо сняться со старта fare (v) una buona partenza, partir (v) bene salir (v) bien, hacer (v) una buena salida	11
vom Start „losziehen" (v) to draw away from the start prendre (v) le départ	сняться со старта partire (v) dal traguardo di partenza tomar (v) la salida	12

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1	einen Berg hinauffahren (v) to climb a hill gravir (v) une côte	въѣхать на гору; взять подъёмъ prendere (v) una salita, ascendere (v) una montagna subir (v) una cuesta
2	ein Gefälle hinunterfahren (v) to descend a slope descendre (v) une pente	съѣхать по уклону scendere (v) un pendio bajar (v) una pendiente
3	Durchschnittgeschwindigkeit (f) average speed vitesse (f) moyenne	средняя скорость (f) velocità (f) media velocidad (f) media
4	in vollem Tempo fahren (v) to drive at full *or* top speed rouler (v) à toute vitesse *ou* à grande allure	ѣхать полнымъ ходомъ correre (v) a tutta velocità marchar (v) á gran velocidad
5	eine Kurve nehmen (v) to take *or* to negotiate a curve prendre (v) un virage	брать поворотъ; взять кривую; проѣхать закругленіе; обогнуть (огибать) уголъ prendere (v) una svolta *od* una curva, fare (v) una voltata virar (v), tomar (v) una curva
6	eine Kurve „schneiden" (v) to take a short cut round a curve, to take the inside of a curve, to cut a corner couper (v) une courbe	срѣзать уголъ; срѣзать закругленіе *или* кривую tagliare (v) una curva cortar (v) una curva
7	eine Kurve „ausfahren" (v) to take the correct course of a curve, to follow a curve parcourir (v) une courbe	не срѣзать угла; обогнуть (огибать) правильно закругленіе percorrere (v) tutta la curva recorrer (v) una curva
8	die Innenseite der Kurve halten (v) to keep to the inside of the curve tenir (v) la corde du virage	держаться внутренней стороны кривой tenere (v) la corda interna della curva guardar (v) la cuerda de una curva
9	eine Runde abfahren (v) to finish one lap finir (v) *ou* faire (v) un tour	объѣхать кругъ fare (v) un giro terminar (v) la vuelta

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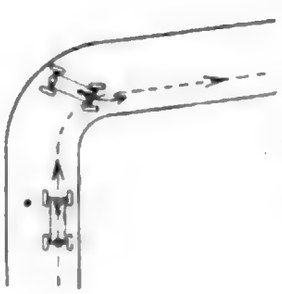
Rundenzeit (f) time for one lap durée (f) d'un tour	время (n) пробѣга круга durata (f) del giro duración (v) de una vuelta	1
Zeit[en]tafel (f) telegraph, time board tableau (m) des temps [de parcours]	таблица (f) времени [пробѣга] quadro (m) dei tempi cuadro (m) de tiempos [de recorrido]	2
vorbeifahren (v) to pass passer (v), dépasser (v)	проѣхать passare (v) oltre pasar (v), adelantar (v)	3
verlangsamen (v) to slow down ralentir (v)	замедл-ить (-ять) rallentare (v) acortar (v) la marcha	4
einen Mitbewerber *oder* Konkurrenten überholen (v) to catch up a competitor dépasser (v) un concurrent, [gratter (v)]	обгонять (обогнать) состязующагося; перегнать соперника *или* конкурента oltrepassare (v) un concorrente adelantar (v) á un competidor	5
einen Konkurrenten vorbeilassen (v) to let a competitor pass se laisser (v) dépasser par un concurrent	пропустить соперника; дать свободный проѣздъ конкурренту lasciarsi (v) oltrepassare da un concorrente dejarse (v) adelantar por un competidor	6
einen Konkurrenten behindern (v) to hedge *or* crowd *or* hinder a competitor entraver (v) la marche d'un concurrent	мѣшать конкурренту ostacolare (v) la marcia ad un concorrente entorpecer (v) la marcha de un competidor	7
den Weg abschneiden (v) to cut off couper (v) la route	сдѣлать „кроссингъ" tagliare (v) la strada cortar (v) la carretera	8
die Fahrt forcieren (v) *oder* gewaltsam beschleunigen (v) to force the pace forcer (v) l'allure	форсировать ѣзду forzare (v) la marcia forzar (v) la marcha	9
Schleudern (n) skidding dérapage (m)	боковое скольженіе (n) slittamento (m) resbalón (m), patinazo (m)	10



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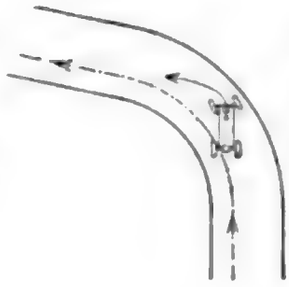

1 der Wagen „schiebt" in der Kurve
the car skids on the curve
la voiture dérape dans le virage

автомобиль (m) заносить на поворотѣ
la vettura slitta nella svolta *o* nella curva
el coche patina en la virada

2 Panne (f)
break down
panne (f)

остановка (f) вслѣдствіе неисправности въ машинѣ
panna (f)
avería (f)

3 ausscheiden (v)
to retire, to give up, to withdraw
se retirer (v), abandonner (v) la course

покинуть *или* бросить гонку
ritirarsi (v)
retirarse (v), abandonar (v) la carrera

4 wieder „flott werden" (v)
to be all right again
être (v) remise en état (voiture)

снова стать пригоднымъ къ ѣздѣ
riprendere (v) la corsa, esser (v) di nuovo in ordine
estar (v) en estado de continuar de nuevo

5 Endspurt (m)
final spurt, finish
enlevée (f) finale

финишъ (m)
traguardo (m) d'arrivo
carrera (f) final

6 Endgeschwindigkeit (f)
final velocity
vitesse (f) finale

скорость (f) на финишѣ
velocità (f) finale
velocidad (f) final

7 Ziel (n)
winning post, goal
but (m), ligne (f) d'arrivée

[конечная] цѣль (f); финишъ (m)
meta (f), arrivo (m)
meta (f), línea (f) de llegada

8 Zielband (n)
tape at the winning post
bande (f) *ou* ligne (f) d'arrivée

лента (f) финиша
linea (f) del traguardo d'arrivo
faja (f) *ó* línea (f) de llegada

9 über das Zielband gehen (v), durch das Ziel gehen (v)
to run over the tape
franchir (v) la ligne d'arrivée

пройти черезъ ленту финиша; финишировать
oltrepassare (v) il traguardo d'arrivo
franquear (v) la línea de llegada

10 Zielrichter (m)
judge
juge (m) [à l'arrivée]

судья (f) у финиша
giudice (m) d'arrivo
juez (m) [á la llegada]

11 Preisrichter (m)
judge for distributing the awards *or* prizes
juge (m) du concours

судья (m), присуждающій награды; членъ (m) кюри
giudice (m) della premiazione
juez (m) del concurso

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Schiedsrichter (m) arbitrator arbitre (m)	членъ (m) судейской комиссіи; третейскій судья (m); арбитръ (m) arbitro (m) árbitro (m)	1
Schiedsgericht (n) arbitration committee conseil (m) arbitral	судейская комиссія (f); третейскій судъ (m) collegio (m) arbitrale consejo (m) de arbitraje	2
Einspruch (m), Protest (m) protest protestation (f), réclamation (f)	протестъ (m) protesta (f), reclamo (m) protesta (f), reclamación (f)	3
Schlichtungsausschuß (m), Schlichtungskommission (f) committee appointed to settle differences comité (m) jugeant les contestations	комиссія (f) по разсмотрѣнію спорныхъ вопросовъ comitato (m) giudicatore delle proteste comisión (f) que ha de juzgar las protestas	4
Berufung (f) an die höchste Instanz appeal to the highest authority appel (m) à la plus haute instance	перенесеніе (n) дѣла въ высшую инстанцію; аппеллированіе (n) въ высшую инстанцію ricorso (m) alla più alta istanza recurrir (v) en alzada	5
Entscheid (m), Beschluß (m) final award *or* decision décision (f)	рѣшеніе (n); заключеніе (n) decisione (f) decisión (f)	6
disqualifizieren (v), vom Wettbewerb ausschließen (v) to disqualify, to expel disqualifier (v)	дисквалифицировать squalificare (v) descalificar (v)	7
ausscheiden (v) to exclude, to omit exclure (v)	не быть допущеннымъ; быть исключённымъ espellere (v), escludere (v) excluir (v)	8
Bewertung (f) der Leistung putting the performance at its true value (appraising the performance) mise (f) en valeur de la performance	оцѣнка (f) результата valutazione (f) del percorso effettuato provechos (m pl) resultantes de la carrera, el sacar provecho de la carrera	9
Sieger (m), Gewinner (m) victor, winner vainqueur (m)	побѣдитель (m) vincitore (m) vencedor (m)	10

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1	Preisträger (m) prizewinner gagnant (m) du prix	удостоенный (m) награды; получившій (m) призъ premiato (m), vincitore (m) del premio ganador (m) del premio
2	Preis (m) prize prix (m)	призъ (m); награда (f) premio (m) premio (m)
3	Geldpreis (m) money prize prix (m) en espèces	денежный призъ (m); денежная награда (f) premio (m) in denaro premio (m) en especie
4	Ehrenpreis (m) trophy, [prize of honour] prix (m) d'honneur	почётный призъ (m) premio (m) d'onore premio (m) de honor
5	Ehrenschild (n) shield écusson (m) d'honneur [attribué au gagnant]	почётный щитъ (m) targa (f), scudo (m) d'onore escudo (m) de honor (galardón (m) concedido al triunfador)
6	Plakette (f), Wagenplakette (f) commemorative inscription, inscribed plate plaquette (f) commémorative	дощечка (f), прикрѣпляемая къ автомобилю targhetta (f) commemorativa, targhetta (f) da vettura placa (f) conmemorativa
7	Wanderpreis (m) challenge trophy challenge (f), trophée (m)	переходящій призъ (m) challenge (f), trofeo (m) trofeo (m)
8	Denkmünze (f), Medaille (f) medal médaille (f) [commémorative]	жетонъ (m) medaglia (f) commemorativa medalla (f) (conmemorativa)
9	Schnelligkeitsrekord (m) speed record record (m) de vitesse	рекордъ (m) скорости record (m) di velocita record (m) de velocidad
10	den Rekord drücken (v) to beat the record battre (v) le record	побить рекордъ battere (v) il record batir (v) el record
11	den Rekord halten (v) to hold the record détenir (v) le record	удержать рекордъ detenere (v) il record conservar (v) el record
12	Preisstifter (m) prize giver *or* founder *or* endower *or* donor fondateur (m) d'un prix	жертвователь (m) *или* основатель (m) приза fondatore (m) d'un premio fundador (m) de un premio
13	Fahrsaison (f) racing season saison (f) des courses	гоночный сезонъ (m); сезонъ гонокъ stagione (f) da turismo temporada (f) de las carreras

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Tourenfahrt (f), Tourenkonkurrenz (f) touring competition *or* contest épreuve (f) de tourisme	конкурсъ (m) *или* испытаніе (n) туризма concorso (m) di turismo, concorso (m) per vetture da turismo prueba (f) de turismo	*1*
Fahrtleitung (f) conducting the trials direction (f) de l'épreuve	распорядители (m pl) испытанія; гоночная комиссія (f) direzione (f) del concorso dirección (f) de la prueba	*2*
Oberleitung (f) management direction (f)	главный распорядитель (m) *или* руководитель (m); предсѣдатель (m) гоночной комиссіи direzione (f) superiore alta dirección (f)	*3*
Streckenkontrolle (f), Streckenaufsicht (f) control posts, controls contrôle (m) (sur le parcours)	участковый контроль (m); промежуточный контрольный пунктъ (m) controllo (m) del percorso puesto (m) de comprobación sobre el recorrido	*4*
Tourenbuch (n) trial record book livre (m) des essais, journal (m) des parcours	путевая книжка (f) giornale (m) del percorso, libro (m) di via diario (m) de los recorridos	*5*
Kontrolleur (m) controller, official controller commissaire (m) officiel, contrôleur (m)	контролёръ (m) controllore (m) comisario (m) oficial, comprobador (m)	*6*
Unparteiischer (m) arbitrator arbitre (m) départageur	третейскій судья (f) persona (f) imparziale árbitro (m) desempatador	*7*
Tagesfahrt (f) one day trial essais (m) d'un jour	дневной пробѣгъ (m) percorso (m) d'un giorno prueba (f) de un dia	*8*
Tagesabschnitt (m), Tagesetappe (f) stage for one day, stage of the day étape (f) d'un jour	дневной перегонъ (m) tappa (f) giornaliera etapa (f) de un dia, jornada (f)	*9*
Kontrollstation (f) control station poste (m) de contrôle	контрольный пунктъ (m); контроль (m) posto (m) di controllo puesto (m) de comprobación	*10*

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1	Benzinstation (f) petrol depot, gasoline depot (A) poste (m) de ravitaillement d'essence	пунктъ (m) выдачи бензина posto (m) di rifornimento di benzina puesto (m) de abastecimiento de esencia
2	Frühstückspause (f) lunch interval repos (m) pour le déjeuner	пауза (f) для завтрака; перерывъ (m) для завтрака sosta (f) per la colazione descanso (m) para el almuerzo
3	Etappenstation (f) stage control station, stage terminus poste (m) d'étape	этапный пунктъ (m); конечный пунктъ перегона posto (m) di tappa puesto (m) de etapa
4	Grenzstation (f) frontier station poste (m) de frontière	пограничная станцiя (f) posto (m) *o* stazione (f) di confine puesto (m) fronterizo, estación (f) de frontera
5	Grenzübergang (m) crossing the frontier passage (m) de la frontière	переѣздъ (m) границы passaggio (m) del confine paso (m) de la frontera
6	Grenzkarte (f), Triptyque (f) customs pass, triptyque triptyque (m) (carnet-souche (m) de trois feuilles)	триптикъ (m) trittico (m) doganale, carta (f) di confine librito (m) *ó* carnet (m) de tres hojas, triptico (m)
7	Gasthaus (n) inn, hotel auberge (f)	гостинница (f) albergo (m) alojamiento (m), albergue (m)
8	Unterkunftsraum (m) accomodation salle (f) d'attente	помѣщенiе (n) stanza (f) di ricovero sala (f) de espera
9	Haltepunkt (m) stopping place, stop arrêt (m), halte (f)	остановка (f) luogo (m) di fermata parada (f), alto (m)
10	Rasttag (m), Ruhetag (m) day of rest jour (m) de repos	день (m) отдыха giorno (m) di riposo dia (m) de descanso

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infolge eines Schadens zurückbleiben (v) to remain behind in consequence of a defect rester (v) en arrière pour cause de panne	отстать вслѣдствіе неисправности rimanere (v) indietro a causa di panna quedarse (v) retrasado por una avería	1
nachfahren (v) to follow after venir (v) après les autres	догонять seguire (v) gli altri llegar (v) después de los otros	2
Endstation (f) terminal station, end stop poste (m) extrême, dernier contrôle (m), arrivée (f) finale	конечный пунктъ (m) posto (m) d'arrivo, stazione (f) finale estación (f) extrema, llegada (f) final	3
Punktbewertung (f) award of points *or* marks attribution (f) *ou* calcul (f) des points	подсчётъ (m) очковъ calcolo (m) dei punti apreciación (f) de los puntos	4
Strafpunkt (m) bad mark *or* point mauvais point (m), point (m) à décompter	штрафное очко (n) punto (m) di penalità punto (m) á descontar	5

a

a

Mütze (f), Kappe (f) cap casquette (f)	фуражка (f); шапка (f) berretto (m) gorra (f)	6
Ledermütze (f) leather cap casquette (f) en cuir	кожаная фуражка (f) berretto (m) di cuoio gorra (f) de cuero	7
gefütterte Mütze (f) lined cap casquette (f) doublée	фуражка (f) на подкладкѣ berretto (m) imbottito gorra (f) forrada	8
Mützenfutter (n) cap lining doublure (f) de casquette	подкладка (f) фуражки fodera (f) del berretto forro (m) de la gorra	9
Schirmmütze (f) forage cap, peaked cap casquette (f) à visière	фуражка (f) съ козырькомъ berretto (m) con visiera gorra (f) de bisera	10

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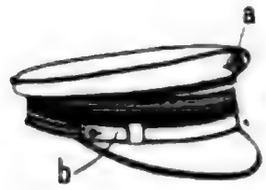
1	Sportmütze (f) sporting cap casquette (f) de sport		фуражка (f) для спорта berretto (m) da sport gorra (f) de deporte
2	Klubmütze (f) club cap casquette (f) de club		клубная фуражка (f) berretto (m) da club gorra (f) de club
3	Mützenabzeichen (n) badge insigne (m) de casquette	a	значокъ (m) на фуражкѣ distintivo (m) *o* fregio (m) per berretto insignia (f) para la gorra
4	Sturmriemen (m) chin strap jugulaire (f)	b	ремешокъ (m) отъ вѣтра sottogola (m) carrillera (f)
5	Mütze (f) mit Ohrenklappen cap with ear flaps casquette (f) à oreillettes *ou* à couvre-oreilles		шапка (f) съ наушниками berretto (m) con alette coprioreccchie gorra (f) de orejeras
6	Mütze (f) mit Nackenschutz cap with neck flap casquette (f) à couvre-nuque		шапка (f), защищающая и затылокъ berretto (m) con coprinuca gorra (f) de cogotera
7	Halsschluß (m) neck band fermeture (f) du cou	a	приспособленіе (n) для плотнаго закрыванія ворота chiusura (f) del collo cierre (m) del cuello
8	dehnbarer Gummihalseinsatz (m) rubber neck band col (m) extensible en [caoutchouc] para		эластичная резиновая вставка (f) для шеи colletto (m) elastico di gomma cuello (m) de caucho
9	Rennkappe (f) racing cap bonnet (m) de course		гоночная шапка (f) cuffione (m) *o* cuffia (f) da corsa gorra (f) de carreras
10	„Südwester" (m) sou'wester suroit (m), chapeau (m) de toile imperméable		„зюдъ-вестка" (f); морская шапка (f) cappello (m) marinaresco sombrero (m) de tela impermeable

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Mantel (m)
coat, ulster
manteau (m)

пальто (n); шинель (f); плащъ (m)
mantello (m), pastrano (m)
capa (f), capote (m), abrigo (m)
1

Fahrmantel (m)
driving coat
manteau (m) de route

дорожное пальто (n)
mantello (m) da viaggio
capa (f) ó capote (m) de monte ó de carrera
2

Wintermantel (m)
winter coat, ulster
manteau (m) d'hiver

зимнее пальто (n)
mantello (m) d'inverno
capa (f) ó abrigo (m) de invierno
3

Fahrpelz (m)
driving furs
pelisse (f) d'automobiliste

дорожная шуба (f); шуба для автомобилистовъ
pelliccia (f) da viaggio o per automobilista
pelliza (f) de automovilista, abrigo (m) de pieles
4

Staubmantel (m)
dust coat
cache-poussière (m)

пальто (n) отъ пыли
spolverino (m)
guarda-polvo (m)
5

Regenmantel (m)
water proof
imperméable (m)

непромокаемый плащъ (m); дождевой плащъ (m); дождевикъ (m)
impermeabile (m)
impermeable (m)
6

Gummimantel (m)
mackintosh
mackintosh (m), manteau (m) de caoutchouc

резиновый плащъ (m); макинтошъ (m)
mantello (m) di gomma, impermeabile (m)
abrigo (m) de caucho
7

Ledermantel (m)
leather coat
vêtement (m) de cuir

кожаный плащъ (m); кожанъ (m)
mantello (m) di cuoio
traje (m) de cuero
8

Öltuchmantel (m)
oilskin coat
vêtement (m) en toile vernie

плащъ (m), пропитанный маслянымъ лакомъ
mantello (m) di tessuto oleato
capa (f) de tela barnizada
9

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Ölzeug (n) 1 oilskin tissu (m) huilé		матерія (f), пропитанная маслянымъ лакомъ tessuto (m) oleato tejido (m) impermeabilizado
Hosenmantel (m) 2 combination overalls manteau-combinaison (m)		пальто -брюки (f pl) mantello (m) trasformabile in calzoni capa-combinación (f)
Ärmelschluß (m) 3 wind sleeves coupe-vent (m) des manches, crispins (m pl)		приспособленіе (n) для плотной обтяжки рукава chiusura (f) delle maniche corta-viento (m) de las mangas
Ärmel (m) mit Windschützern 4 sleeve with wind cuffs manche (f) avec coupe-vent		рукавъ (m) съ приспособленіями для защиты отъ вѣтра manica (f) con soffietto manga (f) con corta-vientos
Kniedecke (f) 5 rug couvre-genoux (m)	 a	пледъ (m) для ногъ copri-ginocchi (m) rodillera (f), cubre-rodillas (m)
Gamasche (f) 6 gaiters, leggings guêtre (f)		гамаши (f pl) uosa (f), ghetta (f), gambale (m) polaina (f)
Gamasche (f) zum Schnallen 7 strapped gaiters guêtre (f) à boucles, jambière (f)		гамаши (f pl) съ застёжками gambale (m) con fibbie polaina (f) sujeta con hebilla
Riemengamasche (f) 8 putty gaiters guêtre (f) à courroies		гамаши (f pl) на ремняхъ gambale (m) a cinghie polaina (f) de correas

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Gamasche (f) zum Schnüren
laced gaiters
guêtre (f) à lacets

гамаши (f pl) со шнуровкой
gambale (m) a stringhe
polaina (f) de cordones 1

Ledergamasche (f)
leather gaiters
guêtre (f) en cuir

кожаныя гамаши (f pl)
uosa (f) o gambale (m) di cuoio
polaina (f) de cuero 2

Knöpfgamasche (f)
button gaiters
guêtre (f) à boutons

гамаши (f pl) на пуговкахъ; гамаши на кнопкахъ
gambale (m) a bottoni
polaina (f) de botones 3

Wickelgamasche (f)
putties
bandes (f pl)

бинтъ (m) для оборачиванія вокругъ ноги
gambali (m pl) a fascia
bandas (f pl) 4

Gamasche (f) mit Fußteil und Steg
long gaiters to cover the instep with sole strap
guêtre (f) avec couvre-pied et sous-pied

гамаши (f pl) съ носкомъ и штрипками
gambale (m) con copri-piede e sottopiede
polaina (f) con cubre-pié y hebilla 5

Fahrerstiefel (m), Chauffeurstiefel (m)
chauffeur's boots
bottine (f) de chauffeur

сапоги (m pl) для шоффёровъ
stivale (m) per chauffeur
botina (f) de conductor 6

Pelzstiefel (m)
fur boots
bottine (f) fourée

ботинки (f pl) на мѣху
stivale (m) foderato di pelo
botina (f) de abrigo ó forrada 7

Gummistiefel (m)
rubber boots
hautes galoches (f pl) en caoutchouc

высокія резиновыя галоши (f pl)
stivali (m pl) di gomma
galochas (f pl) de goma 8

Lederjoppe (f)
leather under jacket
veston (m) en cuir

кожаная куртка (f)
giacca (f) di pelle
chaquetón (m) de cuero 9

Weste (f) aus sämischem Leder mit Stoffüberzug
waistcoat lined with chamois leather
gilet (m) doublé en peau de chamois

замшевый жилетъ (m) съ верхомъ изъ матеріи
panciotto (m) in pelle di daino coperto di stoffa
chaleco (m) forrado de piel de gamuza 10

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[illegible]

[illegible]

жилеть (m) съ рука-
вами
panciotto (m) con
maniche
chaleco (m) con mangas

носки (m pl) изъ вер-
блюжьей шерсти
calzini (m pl) o calze-
rotti (m pl) di lana di
cammello
calcetin (m) de piel de
camello

перчатка (f)
guanto (m)
guante (m)

[illegible]

[illegible]

[illegible]

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zusammenklappbare Brille (f)
folding goggles
lunettes (f pl) pliantes *ou* repliables

складные очки (m pl)
occhiali (m pl) pieghevoli
gafas (f pl) plegables

1

Schutzbrille (f)
goggles (pl)
lunettes (f pl) protectrices

предохранительные очки (m pl)
occhiali (m pl) di protezione
gafas (f pl) protectoras

2

blaue Gläser (n pl)
blue glasses
lunettes (f pl) bleues

голубыя стёкла (n pl)
vetro (m) azzurro
gafas (f pl) azules

3

rauchgraues Glas (n)
smoked glass
verre (m) fumé

дымчатое стекло (n)
vetro (m) affumicato
vidrio (m) ahumado, gafas (f pl) ahumadas

4

Brille (f) mit Glimmerscheiben
mica goggles
lunettes (f pl) en mica

очки (m pl) со слюдяными стёклами; очки изъ слюды
occhiali (m pl) di mica
gafas (f pl) de mica

5

Brille (f) mit Zelluloidscheiben
celluloid goggles
lunettes (f pl) en celluloïd

очки (m pl) съ целлюлоидными стёклами; очки изъ целлюлоида
occhiali (m pl) di celluloide
gafas (f pl) de celuloide

6

Brille (f) mit Gesichtsmaske
goggles combined with mask
lunettes (f pl) à masque

очки (m pl) съ маской
occhiali (m pl) a maschera
anteojos (m pl) de careta

7

Damenbrille (f)
ladies goggles
lunettes (f pl) pour dame

дамскіе очки (m pl)
occhiali (m pl) per signora
gafas (f pl) de señoras

8

Staubschleier (m)
dust veil
voilette (f) antipoussière *ou* pare-poussière

вуаль (f) отъ пыли
velo (m) parapolvere
velo (m) parapolvo

9

Staubschleier (m) mit Zelluloideinsatz
dust veil with celluloid front guard
voilette (f) pare-poussière à fenêtre de celluloïde

вуаль (f) отъ пыли съ целлюлоидной вставкой
velo (m) parapolvere con visiera di celluloide
velo (m) parapolvo con mirilla de celuloide

10

Respirator (m)
respirator
respirateur (m)

респираторъ (m)
respiratoio (m)
respiradero (m)

11

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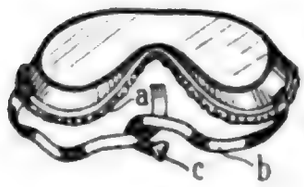


a

1 Chenillebesatz (m)
chenille trimming
garniture (f) chenille

обшивка (f) изъ синели
guarnizione (f) di ciniglia
guarnición (f) de felpilla

b

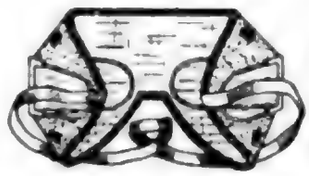
2 Gummiband (n)
elastic band
élastique (m)

резиновая лента (f)
elastico (m)
elástico (m), cinta (f) elástica

c

3 Schnalle (f)
strap
boucle (f)

застёжка (f); пряжка (f)
fibbia (f)
hebilla (f)



4 Vierglasbrille (f)
goggles with side glasses
lunettes (f pl) à quatre verres

очки (m pl) съ четырьмя стеклами
occhiali (m pl) con vetri doppi *od* a quattro vetri
gafas (f pl) de cuatro vidrios

5 Schlitzbrille (f)
goggles with slits
lunettes (f pl) à fentes

очки (m pl) съ узкими стёклами
occhiali (m pl) a fessura
gafas (f pl) de ranuras

6 das Glas beschlägt
the glass is getting fogged
le verre se couvre de buée *ou* se ternit

стекло (n) потѣетъ
il vetro s'appanna
el vidrio se empaña

7 die Brille aufsetzen (v)
to put on the goggles
mettre (v) les lunettes

одѣть *или* надѣть очки
mettere (v) gli occhiali
ponerse (v) las gafas

---

8 Rennbahn (f)
race course, racing track
piste (f) de course

трекъ (m); дорога (f), предназначенная для гонки; гоночная дорога
pista (f) da corsa
pista (f) de carrera

9 zementierte Fahrbahn (f)
cement track
piste (f) cimentée

цемент[ир]ованный трекъ (m)
pista (f) cementata *o* in cemento
pista (f) de cemento

10 Straße (f)
street (in a town), road (in the country)
route (f), rue (f)

улица (f); дорога (f)
via (f), strada (f)
carretera (f), calle (f)

11 Rennstraße (f)
racing road
route (f) de course

дорога (f), на которой происходитъ гонка
strada (f) da corsa
carretera (f) para carreras

Straßendamm (m), Dammweg (m)
causeway, roadway (A)
chaussée (f)

шоссе (n); шоссейная дорога (f)
argine (m) stradale, strada (f) su massicciata
gran via (f), calzada (f)
1

Landstraße (f)
main road, highroad, highway (A)
grande route (f)

грунтовая дорога (f); большая дорога (f); столбовая дорога; трактъ (m)
strada (f) maestra, stradone (m)
carretera (f) de primer orden
2

Straßenbeschaffenheit (f)
nature of the road
nature (f) de la route

состояніе (n) дороги; качество (n) дороги
stato (m) della strada
naturaleza (f) de la carretera
3

Straßendecke (f)
surface of the road
surface (f) de la chaussée

одежда (f) шоссе
strato (m) superficiale o soprastruttura (f) della strada
superficie (f) de la carretera
4

Pflaster (n)
pavement
pavage (m), sol (m)

мостовая (f)
lastrico (m), pavimento (m) stradale, selciato (m)
pavimento (m), suelo (m)
5

Makadam (m)
macadam
macadam (m), empierrement (m)

макадамъ (m)
macadam (m)
macadam (m), empedrado (m)
6

asphaltierte Straße (f)
asphalt pavement
route (f) asphaltée

асфальтовая дорога (f)
strada (f) asfaltata
carretera (f) asfaltada
7

eine Straße neu eindecken (v)
to remake a road
refaire (v) une route

вновь вымостить дорогу; починить дорогу
rinnovare (v) la massicciata o il lastrico o il selciato
recargar (v) una carretera
8

Steinschlag (m)
road metal
pierraille (f), ballast (m)

щебень (m)
ciottoli (m pl), ghiaia (f) battuta, ballast (m)
balasto (m), cascajo (m)
9

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1	Kies (m) gravel gravier (m)	гравій (m); хрящъ (m) ghiaia (f) di cava grava (f)
2	Sand (m) sand sable (m)	песокъ (m) sabbia (f) arena (f)
3	Unterhaltung (f) maintenance entretien (m)	содержаніе (n) дороги manutenzione (f) conservación (f)
4	Umbau (m) reconstruction, remaking réconstruction (f), réfection (f)	перестройка (f); переустройство (n); ремонтъ (m) ricostruzione (f) reconstrucción (f), recarga (f)
5	Straßenwalze (f) road roller rouleau (m) de route (pour tasser les matériaux)	катокъ (m) rullo (m), spianatrice (f) stradale rodilla (m), rulo (f)
6	Dampfwalze (f) steam roller rouleau (m) à vapeur	паровой катокъ (m) rullo (m) *o* spianatrice (f) a vapore rodillo (m) de vapor
7	Straßenprofil (n), Straßenschnitt (m) sectional profile of the road profil (m) de la route	профиль (m) дороги profilo (m) della strada perfil (m) de la carretera
8	ausgefahrene Straße (f) worndown road route (f) défoncée	ухабистая дорога (f)); разъѣзженная *или* разбитая дорога strada (f) rovinata dalle carreggiate carretera (f) desigual, carretera (f) con el firme levantado *ó* desgastado
9	holperig (adj) lumpy inégal (adj) (route), accidenté (adj) (route)	тряскій; ухабистый; бугристый scabroso (agg), accidentato (agg) desigual (adj), accidentado (adj)
10	Unebenheit (f) unevenness, ruts dénivellement (m), inégalité (f)	неровность (f) dislivello (m) desnivel (m), desigualdad (f)

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Wasserrast (f) drainage rut cassis (m)	небольшая канавка (f) поперекъ дороги для стока воды pozza (f) tarjea (f) transversal	1
schlüpfrige Straße (f) slippery *or* greasy road route (f) glissante	скользкая дорога (f); скользкій путь (m) strada (f) sdrucciolevole carretera (f) resbaladiza	2
Straßenstaub (m) road dust poussière (f) de [la] route	дорожная пыль (f) polvere (f) della strada polvo (m) de la carretera	3
Staubplage (f) dust nuisance fléau (m) de la poussière	вредное дѣйствіе (n) обильной пыли tormento (m) della polvere molestia (f) del polvo	4
Staub aufwirbeln (v) to raise dust soulever (v) [de] la poussière	поднимать пыль sollevare (v) la polvere levantar (v) polvo	5
Staubbeseitigung (f) dust prevention suppression (f) de la poussière	устраненіе (n) пыли soppressione (f) della polvere supresión (f) del polvo	6
eine Straße staubfrei machen (v) to make a road free from dust rendre (v) une route non poussiéreuse	сдѣлать дорогу непыльной; сдѣлать дорогу свободной отъ пыли liberare (v) una strada dalla polvere hacer (v) que una carretera no tenga polvo	7
eine Straße teeren (v) to tar a road goudronner (v) une route	смолить дорогу; полить дорогу смолой incatramare (v) una strada alquitranar (v) una carretera	8
eine Straße sprengen (v) to water a road arroser (v) une route	поливать дорогу innaffiare (v) una strada regar (v) una carretera	9
Sprengwagen (m) water cart tonneau (m) *ou* voiture (f) d'arrosage	повозка (f) для поливки [улицъ] carro-botte (m) d'innaffiamento cuba (f) de riego, coche (m) regadero	10
Automobilsprengwagen (m) motor water cart tonneau (m) d'arrosage automobile	автомобиль (m) для поливки [улицъ] innaffiatrice (f) automobile regadera (f) automóvil	11

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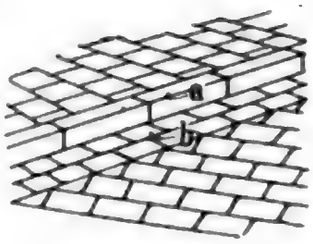
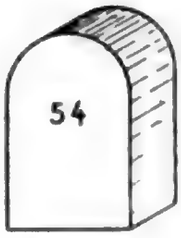
Westrumit (m) westrumite 1 westrumite (f), émulsion (f) de goudron et ammoniaque		веструмитъ (m); смоляно-аммiачная эмульсiя (f) westrumite (f) wistrumita (f)
Bordschwelle (f) 2 kerb, kerbstone bordure (f)	 a	бортовый порогъ (m); бортъ (m) orlo (m), limite (m) bordillo (m)
Rinnstein (m), Gosse (f) 3 gutter caniveau (m), rigole (f)	b	сточная канавка (f) rigagnolo (m) cuneta (f), badén (m)
Kilometerstein (m) 4 milestone borne (f) kilométrique		километровый каменъ (m); верстовой столбъ (m) pietra (f) chilometrica poste (m) kilométrico
eine lange Gerade (f) a long stretch of straight 5 road un long alignement (m), une ligne (f) droite		длинная прямая дорога (f); длинный прямой путь (m) un lungo rettilineo (m) alineación (f) larga
ansteigende Straße (f) rising road, road with 6 rising gradient route (f) montante *ou* en rampe		дорога (f) съ подъёмомъ; дорога въ гору strada (f) in salita carretera (f) en pendiente *ó* rampa
Steigung (f) 7 rise, upward slope côte (f), rampe (f), montée (f)		подъёмъ (m) salita (f) rampa (f), subida (f)
Berg (m) 8 hill montagne (f)		гора (f) montagna (f), monte (m) montaña (f)
abfallende Straße (f) downward sloping road 9 rue (f) *ou* route (f) descendante *ou* en pente, descente (f)		дорога (f) съ уклономъ strada (f) in discesa carretera (f) descendente *ó* en bajada
Gefälle (n) 10 incline, slope différence (f) de niveau		скатъ (m) declivio (m) diferencia (f) de nivel
Abhang (m) 11 steep, declivity pente (f), descente (f)		откосъ (m); обрывъ (m) pendio (m) bajada (f), pendiente (f)

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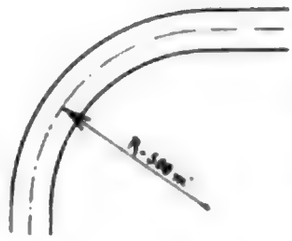
Krümmung (f) der Straße, Straßenkrümmung (f)
bend in the road
courbe (f) *ou* coude (f) de la route

заворотъ (m) дороги; поворотъ (m) дороги
tortuosità (f) della strada *1*
curva (f) *ó* codo (m) de la carretera

Kurve (f)
curve
courbe (f), virage (m)

кривая (f); закругленіе (n)
svolta (f), curva (f) *2*
curva (f), virada (f)

Kurve (f) von 500 m Radius
curve of 500 m radius
courbe (f) de 500 m de rayon



кривая (f) *или* закругленіе (n) радіусомъ въ 500 метровъ
svolta (f) del raggio di m 500 *3*
curva (f) de 500 m de radio

---

flache Kurve (f)
flat curve
courbe (f) à grand rayon

пологая кривая (f); слабое закругленіе (n)
svolta (f) dolce *o* di gran raggio *4*
curva (f) de gran radio

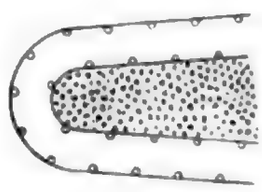
Kurvenüberhöhung (f)
inclination at curve, superelevation at curve
surhaussement (m) *ou* dévers (m) en courbe

подъёмъ (m) на кривой *или* на закругленіи
rialzo (m) in curva *5*
inclinación (f) *ó* peralte (m) en curva

überhöhte Kurve (f)
inclined *or* superelevated curve
courbe (f) surhaussée

кривая (f) *или* закругленіе (n) съ подъёмомъ *6*
curva (f) sopraelevata
curva (f) peraltada

Kehre (f), Straßenkehre (f)
sharp turn in the road
tournant (m) de route, virage (m)

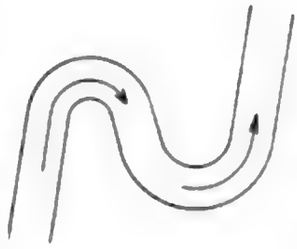


обратный поворотъ (m) дороги
voltata (f) *o* risvolto (m) della strada *7*
recodo (m) de la carretera, virada (f), virage (m)

Haarnadelkurve (f)
horseshoe curve
courbe (f) en fer à cheval

подковообразная кривая (f); подковообразное закругленіе (n)
svolta (f) *o* girone (m) a forcina *8*
curva (f) en herradura

S-Kurve (f)
double curve, S-curve
courbe (f) en S, sinuosité (f)



S-образная кривая (f); двойное закругленіе (n)
svolta (f) a S, curva (f) e controcurva *9*
curva (f) en S, recodo (m)

Verbindungskurve (f)
joining curve
courbe (f) de raccordement

соединительная кривая (f); соединительное закругленіе (n)
svolta (f) di congiunzione *10*
curva (f) de enlace

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1 Straßenbrücke (f)
bridge, road bridge
pont-route (m)

дорожный мостъ (m)
ponte (m) stradale
puente (m) de carretera

2 Wegunterführung (f)
underbridge, subway
passage (m) inférieur *ou* en-dessous

проѣздъ (m) подъ другой дорогой
sottovia (f), sotto-passaggio (m)
paso (m) inferior

3 Tunnel (m)
tunnel
tunnel (m)

туннель (m)
galleria (f), tunnel (m)
tunel (m)

4 Bahnkreuzung (f)
level crossing
passage (m) à niveau

скрещеніе (n) путей; пересѣченіе (n) дорогъ
passaggio (m) a livello
paso (m) á nivel

5 die Straße kreuzt die Eisenbahn
the road crosses the railway
la route croise le chemin de fer

дорога (f) пересѣкаетъ желѣзнодорожную линію
la strada incrocia la ferrovia (passaggio a livello)
la carretera cruza el ferrocarril

6 Warnungstafel (f)
warning, notice board
écriteau (m) d'avertissement

доска (f) съ предостереженіемъ; предупреждающая надпись (f)
cartello (m) di segnalazione *o* di avvertimento
poste (m) de señales

7 Wegweiser (m)
signpost
[poteau (m)] indicateur (m)

указательный столбъ (m)
cartello-indicatore (m)
poste (m) indicador

8 Weghindernis (n)
obstruction
obstacle (m) sur la route

препятствіе (n) на пути
ostacolo (m) della strada
obstáculo (m) sobre la carretera

9 Automobilkarte (f)
motoring map
carte (f) pour automobilistes

карта (f) для автомобилистовъ
carta (f) per automobilista
mapa (m) para automovilistas

10 Tourenkarte (f)
touring map
carte (f) de tourisme

карта (f) для туризма
carta (f) per turismo *o* turistica
mapa (m) de turismo

11 Streckenkarte (f)
section map
carte (f) de parcours, carte (f) routière

частичная карта (f) дистанцій *или* пробѣговъ
carta (f) di percorso
mapa (m) del recorrido *ó* de carreteras

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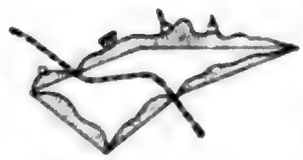
Straßenprofilkarte (f) contour map carte (f) des profils de la route		карта (f) профилей дороги carta (f) del profilo della strada mapa (m) de los perfiles de la carretera 1
Generalstabskarte (f) ordnance map carte (f) de l'état-major		карта (f) генеральнаго штаба carta (f) dello stato-maggiore *o* militare mapa (m) del Estado Mayor 2
auf Leinwand aufgezogene Karte (f) map mounted on linen carte (f) sur toile		карта (f), наклеенная на полотно carta (f) montata su tela mapa (m) montado sobre tela 3
einfarbige Karte (f) black and white map carte (f) d'une couleur *ou* en noir		одноцвѣтная чёрная карта (f) carta (f) a un colore, carta (f) in nero mapa (m) en un color, mapa (m) en negro 4
in Mehrfarbendruck ausgeführte Karte (f), mehrfarbige Karte (f) coloured map carte (f) en couleurs		карта (f), отпечатанная въ нѣсколько красокъ carta (f) policroma *o* a più colori mapa (m) en colores 5
Kartenblatt (n) map sheet feuille (f) de carte		(отдѣльный) листъ (m) карты foglio (m) d'una carta hoja (f) de un mapa 6
eine Karte lesen (v) to read a map lire (v) une carte		читать карту leggere (v) una carta leer (v) un mapa 7
nach der Karte fahren (v) to drive by the map rouler (v) en suivant les indications de la carte, se diriger (v) avec la carte		ѣхать по картѣ marciare (v) secondo la carta marchar (v) siguiendo las indicaciones de un mapa 8
Maßstab (m) der Karte scale of the map échelle (f) de la carte		масштабъ (m) карты scala (f) della carta escala (f) del mapa 9
eine Entfernung abgreifen (v) to step off a distance on the map mesurer (v) *ou* prendre (v) une distance sur la carte		опредѣлить разстояніе по картѣ misurare (v) una distanza medir (v) una distancia sobre el mapa 10

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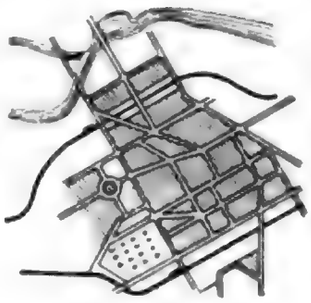
sich mit Karten versorgen (v)
1 to provide oneself with maps
se pourvoir (v) de cartes

запастись картами
provvedersi (v) di carte
proveerse (v) de mapas

Stadtplan (m)
2 town map, street plan
plan (m) de ville



городской планъ (m); планъ города
pianta (f) della città
plano (m) de ciudad ó población

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XIV.

Kauf, Verkauf und Versand
Purchase, Sale and Shipping
Achat, vente et expédition

Покупка, продажа и перевозка
Compra, vendita e spedizione
Compra, venta y expedición

Sachverständiger (m) expert expert (m), spécialiste (m)	экспертъ (m); свѣдущее лицо (n) perito (m) perito (m)	1
auswählen (v), aussuchen (v) to choose, to select choisir (v)	выбрать scegliere (v) elegir (v), escoger (v)	2
besichtigen (v) to examine *or* inspect examiner (v), surveiller (v)	осмотрѣть esaminare (v), ispezionare (v) examinar (v), vigilar (v), atender (v)	3
Probefahrt (f) trial run essai (m), voyage (m) d'essai	пробная поѣздка (f) gita (f) di prova ensayo (m), viaje (m) de prueba	4
probefahren (v) to run a trial, to carry out a trial faire (v) un voyage d'essai, faire (v) un essai	сдѣлать пробную поѣздку fare (v) una gita *o* una corsa di prova hacer (v) un viaje de prueba, realizar (v) un ensayo	5
Kaufpreis (m) price prix (m) [d'achat]	покупная цѣна (f) prezzo (m) d'acquisto *o* di compera precio (m)	6
preiswert (adj), wohlfeil (adj) cheap, reasonable bon marché (loc. adv.)	дешево a buon mercato (loc. avv.) barato (adj)	7

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1	Anschaffungskosten (pl) initial outlay, first cost (A) dépenses (f pl) d'achat, frais (m pl) d'acquisition	стоимость (f) пріобрѣтенія; затраты (f pl) на пріобрѣтеніе spese (f pl) d'acquisto gastos (m pl) de adquisición *ó* de compra
2	Übereinkommen (n), Vertrag (m) agreement, contract convention (f), contrat (m)	договоръ (m); контрактъ (m) convenzione (f), contratto (m) contrato (m), convenio (m)
3	Kaufvertrag (m) sales contract, agreement contrat (m) d'achat *ou* de vente	договоръ (m) о покупкѣ contratto (m) (di compra-vendita) contrato (m) de compra *ó* de venta
4	einen Kaufvertrag aufsetzen (v) to draft a sales agreement rédiger (v) un contrat de vente	составить договоръ о покупкѣ compilare (v) *o* stendere (v) un contratto (di compra-vendita) redactar (v) un contrato de compra *ó* venta
5	einen Kaufvertrag schließen (v), einen Kaufvertrag unterzeichnen (v) to sign a sales contract passer (v) *ou* conclure (v) *ou* signer (v) un contrat de vente	заключить *или* подписать договоръ о покупкѣ conchiudere (v) *o* stipulare (v) *o* firmare (v) un contratto (di compra-vendita) ultimar (v) *ó* firmar (v) un contrato de compra-venta
6	Auftrag (m) order ordre (m) [d'achat], commande (f)	заказъ (m) commissione (f), ordinazione (f) orden (f) de compra
7	einen Auftrag erteilen (v) to place an order with donner (v) un ordre, passer (v) une commande	дать заказъ; поручить заказъ; заказать; сдѣлать заказъ passare (v) un' ordinazione, dare (v) una commissione hacer (v) un pedido, dar (v) una orden de compra
8	Auftrag[s]erteilung (f) placing of an order [action (f) de] donner (v) un ordre *ou* passer (v) une commande	выдача (f) заказа atto (m) di dare una ordinazione el pasar un pedido
9	Anzahlung (f) payment in advance acompte (m), arrhes (f pl)	задатокъ (m) acconto (m), caparra (f), anticipazione (f) cantidad (f) á cuenta, señal (f), arras (f pl)

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eine Anzahlung machen *oder* leisten (v) to make a payment in advance donner (v) un acompte *ou* des arrhes	дать задатокъ versare (v) *o* dare (v) un acconto dar (v) una garantia *ó* una señal *ó* una cantidad á cuenta	*1*
Restzahlung (f) payment of remainder reliquat (m), solde (m), reste (m) à payer	остаточный платёжъ (m) saldo (m) da pagare, pagamento (m) a saldo saldo (m), resto (m) del débito	*2*
den Kaufpreis erlegen (v) to pay the sales price payer (v) le prix d'achat	внести *или* уплатить покупную сумму versare (v) *o* sborsare (v) il prezzo di acquisto pagar (v) el precio de compra	*3*
einen Auftrag rückgängig machen *oder* annullieren (v) to cancel an order annuler (v) un ordre	взять обратно заказъ; объявить заказъ недѣйствительнымъ annullare (v) un'ordinazione anular (v) un pedido	*4*
einen Betrag (durch die Bank) überweisen (v) to remit (through a bank) faire payer (v) un montant (par la banque)	перевести сумму (черезъ банкъ) rimettere (v) l'ammontare *o* fare (v) rimessa di un importo *o* di una somma a mezzo d'una banca hacer (v) pagar un importe (par medio de un banco)	*5*
Scheck (m) cheque chèque (m)	чекъ (m) vaglia (m) cheque (m)	*6*
Wechsel (m) bill of exchange traite (f), lettre (f) de change	вексель (m) tratta (f), cambiale (f), effetto (m) letra (f) de cambio, giro (m)	*7*
ein Kauf kommt zustande a bargain has been concluded *or* closed un marché à été conclu	покупка (f) состоялась un acquisto viene conchiuso se ha ultimado una compra, se ha realizado una venta	*8*
Verzinsung (f) interest intérêts (m pl)	прибыль (f) на капиталъ въ процентахъ interessi (m pl), pagamento (m) *o* fruttamento (m) d'interessi intereses (m pl)	*9*

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1	das Kapital verzinsen (f) to pay interest on capital placer (v) le capital à intérêts	помѣстить капиталъ съ выгодою pagare (v) gli interessi d'un capitale colocar (v) el capital á interés
2	Amortisation (f) amortization amortissement (m)	амортизація (f); погашеніе (n) ammortizzazione (f), ammortizzamento (m) amortización (f)
3	amortisieren (v) to redeem, to amortize, to pay off amortir (v)	погашать ammortizzare (v) amortizar (v)
4	Unterhaltungskosten (pl) cost of upkeep, maintenance (A) frais (m pl) d'entretien	стоимость (f) содержанія spese (f pl) di mantenimento gastos (m pl) de conservación
5	Brauchbarkeit (f) eines Automobils usefulness of an automobile utilité (f) d'un automobile, bon état (m) d'un automobile	пригодность (f) автомобиля servibilità (f) *o* utilità (f) d'un automobile utilidad (f) de un automóvil, buen estado (m) de un automóvil
6	einen Wagen abnehmen (v) to take over a car recevoir (v) une voiture, opérer (v) la réception d'une voiture	принять автомобиль collaudare (v) una vettura, prendere (v) in consegna una vettura recibir (v) un coche, verificar (v) la recepción de un coche
7	ein Wagen gilt als abgenommen a car is considered as taken over une voiture est considérée comme reçue, la réception d'une voiture est censée être faite	автомобиль (m) считается принятымъ; сдача (f) автомобиля считается совершившейся una vettura vien considerata come collaudata *o* presa in consegna se ha realizado la recepción de un coche
8	Abnahmeprüfung (f) trial by the purchaser, purchase trial, acceptance test (A) essai (m) *ou* épreuve (f) de réception par l'acheteur	пріёмное испытаніе (n) prova (f) di collaudo ensayo (m) ó prueba (f) de recepción por el comprador
9	Abnahmebescheinigung (f) acknowledgement of receipt certificat (m) de réception	пріёмное свидѣтельство (n); удостовѣреніе (n) въ пріёмкѣ certificato (m) di claudo certificado (m) de recepción

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Akquisiteur (m) salesman, commercial traveller courtier (m), vendeur (m)	коммиссіонеръ (m); посредникъ (m); [комиссіонеръ завода, посѣщающій торговыя фирмы] mediatore (m) corredor (m), comisionista (m)	1
Akquisition (f) getting business recherche (f) de la clientèle	посредничество (n); посѣщеніе (n) торговыхъ фирмъ коммиссіонеромъ завода mediazione (f) busca (f) de clientela ó de compradores	2
akquirieren (v), einen Käufer herbeibringen (v) to bring business, to acquire a customer amener (v) des affaires	обходить торговыя фирмы для привлеченія покупателей procurare (v) dei compratori llevar (v) los compradores ó las negociaciones	3
[Verkaufs-]Vermittler (m) agent, middleman intermédiaire (m), courtier (m)	агентъ (m) agente (m), mediatore (m) intermediario (m), corredor (m)	4
Zahlungsbedingungen (f pl) terms (pl) *or* conditions of payment conditions (f pl) de paiement	условія (n pl) платежа condizioni (f pl) di pagamento condiciones (f pl) de pago	5
eine Vereinbarung treffen (v) to come to an agreement faire (v) une convention, arriver (v) à une entente	притти къ соглашенію fare (v) una convenzione establecer (v) un convenio, ultimar (v) las negociaciones, llegar (v) á un acuerdo	6
Reklame (f), Anpreisung (f) advertisement réclame (f), publicité (f)	реклама (f) pubblicità (f), réclame (f) publicidad (f), reclamo (m)	7
Anzeige (f), Annonce (f) advertisement, notice annonce (f)	объявленіе (n) annunzio (m), inserzione (f) anuncio (m)	8
anzeigen (v), annoncieren (v) to advertize, to announce faire (v) de la publicité, annoncer (v)	помѣстить (помѣщать) объявленіе; анонсировать; публиковать annunziare (v), pubblicare (v), pubblicare (v) un avviso, fare (v) una inserzione publicar (v), anunciar (v)	9

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1	Reklamebild (n) illustrated advertisement, poster (A) affiche (f) illustrée, gravure (f) réclame	художественный плакатъ (m) quadro (m) réclame cartel (m) [anunciador]
2	Reklametafel (f) advertisement board, bill board tableau (m) de publicité	вывѣска (f) для рекламы cartello (m), affisso (m) cuadro (m) de anuncios
3	Reklameschrift (f) advertising circular circulaire (f), imprimé (m) [de] réclame	рекламная брошюрка (f) opuscolo (m) *o* pubblicazione (f) *o* articolo (m) per pubblicità circular (m) de publicidad
4	Reklamekosten (pl) cost of advertising frais (m pl) de publicité *ou* de réclame	затраты (f pl) на рекламу; стоимость (f) рекламы spese (f pl) di pubblicità gastos (m pl) de publicidad
5	Geschäftsunkosten (pl) business expenses frais (m pl] généraux	общіе расходы (m pl) spese (f pl) d'amministrazione gastos (m pl) generales
6	Preisliste (f), Katalog (m) price list, catalogue catalogue (m), prix-courant (m)	каталогъ (m); прейсъ-курантъ (m) catalogo (m), prezzo-corrente (m) catálogo (m), cuadro (m) de precios
7	Einzelliste (f), Prospekt (m) prospectus, sectional price list prospectus (m)	проспектъ (m) prospetto (m) prospecto (m)
8	Verkaufsgegenstand (m) article for sale objet (m) de vente *ou* à vendre	предметъ (m) продажи oggetto (m) di vendita objecto (m) en venta
9	Verkaufsraum (m) shop, showroom, saleroom magasin (m) [de vente], local (m) de vente	магазинъ (m) negozio (m), locale (m) di vendita almacén (m) de ventas, tienda (f)
10	Automobilausstellung (f) automobile motor car exhibition exposition (f) [d']automobile[s]	автомобильная выставка (f); выставка автомобилей esposizione (f) d'automobili exposición (f) de automóviles
11	Vorführung (f) showing production (f), présentation (f)	показъ (m) presentazione (f), dimostrazione (f) presentación (f)
12	einen Wagen vorführen (v) to show a car produire (v) *ou* présenter (v) une voiture	показать автомобиль presentare (v) una vettura presentar (v) *ó* exponer (v) un coche

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Reingewinn (m) net profit bénéfice (m) net	чистая прибыль (f) utile (m) netto, profitto (m) beneficio (m) liquido	1
Vermittlerlohn (f), Provision (f) commission commission (f)	коммиссіонная плата(f); коммиссіонныя (f pl) provvigione (f), commissione (f) comisión (f)	2
ein gängiger Typ (m) a saleable type type (m) courant	ходовой типъ (m) tipo (m) corrente modelo (m) corriente	3
Lieferfrist (f) time taken in delivery, delivery (A) délai (m) de livraison	срокъ (m) доставки tempo (m) prefisso *o* utile per la consegna, termine (m) di consegna plazo (m) de entrega	4
Liefertag (m), Liefertermin (m) time of delivery date (f) de livraison	окончаніе (n) срока поставки termine (m) di consegna fecha (f) de entrega	5
Ablieferung (f) delivery prise (f) à la fabrique, livraison (f)	сдача (f) consegna (f) entrega (f)	6
einen Wagen abliefern (v) to deliver a car livrer (v) une voiture	сдать экипажъ consegnare (v) una vettura entregar (v) un coche	7
die Lieferzeit einhalten (v) to deliver within the specified time observer (v) le délai de livraison	выполнить въ срокъ; соблюсти (соблюдать) срокъ поставки mantenere (v) il termine di consegna cumplir (v) el plazo de entrega	
die Lieferzeit überschreiten (v) to deliver late dépasser (v) le délai de livraison	просрочить срокъ поставки; не соблюсти (не соблюдать) срокъ поставки oltrepassare (v) il termine di consegna rebasar (v) el plazo de entrega	9
vom Kauf zurücktreten (v) to repudiate the purchase se retirer (v), annuler (v) l'ordre *ou* la commande	взять обратно заказъ ritirarsi(v)dall'acquisto, annullare (v) un'ordinazione anular (v) la orden *ó* la compra	10
einen Kauf rückgängig machen (v) to cancel a purchase résilier (v) *ou* annuler (v) un achat	отступить отъ покупки annullare (v) un'ordinazione rescindir (v) una compra	11

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1	die Abnahme verweigern (v) to refuse acceptance refuser (v) de prendre livraison	отказаться отъ пріёмки; отказаться принять rifiutare (v) il ritiro o la presa in consegna rehusar (v) la entrega
2	Rechnung (f) account, bill compte (m), facture (f), note (f)	счётъ (m) fattura (f), conto (m) cuenta (f), factura (f), nota (f)
3	Rechnungserteilung (f) sending in the account envoyer (v) la facture *ou* note	выдача (f) счёта rimettere (v) la fattura, fatturazione (f) enviar (v) la factura
4	Zahlung (f) payment paiement (m)	уплата (f) pagamento (m) pago (m)
5	Versand (m) despatch, shipment expédition (f), envoi (m)	отправка (f) spedizione (f), invio (m) expedición (f), remesa (f), envio (m)
6	versenden (v) to despatch, to ship expédier (v), envoyer (v)	отправ-ить (-лять) spedire (v), inviare (v) enviar (v), expedir (v)
7	Verpackung (f) packing, boxing (A) emballage (m)	упаковка (f) imballaggio (m) embalaje (m)
8	verpacken (v), einpacken (v) to pack, to box (A) emballer (v)	упаков-ать (-ывать) imballare (v) embalar (v)
9	Packmaterial (n) packing material [matières (f pl) *ou* objets (m pl) d']emballage (m)	упаковочный матеріалъ (m) materiale (m) d'imballaggio material (m) de embalaje
10	Wagenplan (m) cover, tarpaulin bâche (f) d'une voiture	экипажный брезентъ (m) copertone (m) per vettura cubierta (f) de un coche, funda (f) de embalaje
11	Deckenmiete (f) cost of hire for tarpaulin location (f) d'une bâche	плата (f) за прокатъ брезента noleggio (m) d'un copertone alquiler (m) de una funda
12	Packleinwand (f) packing cloth toile (f) d'emballage	упаковочный холстъ (m); дерюга (f) tela (f) d'imballaggio tela (f) de embalar

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die Reifen mit Leinwandstreifen umwickeln (v) to cover the tyres with sacking strips envelopper (v) les pneumatiques de bandes de toile	обернуть шины холстяными лентами avvolgere (v) i cerchioni *o* pneumatici con striscie di tela envolver (v) los neumáticos en fajas de tela	1
Eisenbahnwagen (m) railway waggon *or* car wagon (m) de chemin de fer, plate-forme (f)	желѣзнодорожный вагонъ (m) carro (m) *o* vagone (m) ferroviario vagón (m) de ferrocarril	2
Beladefrist (f) loading period, time in loading délai (m) de chargement	срокъ (m) нагрузки termine (m) di caricamento plazo (m) de embarque	3
ein Automobil verladen (v) to load a car on a railway wagon charger (v) un automobile sur wagon de chemin de fer	погрузить автомобиль caricare (v) un automobile cargar (v) un automóvil sobre vagón	4
einen Wagen auf die Rampe schieben (v) to push the car up the slope pousser (v) une voiture sur la rampe	вдвинуть экипажъ на открытую платформу spingere (v) una vettura sulla rampa empujar (v) un coche sobre la rampa de carga	5
das Automobil auf dem Wagen verklotzen (v) *oder* verkeilen (v) to secure the car by wedges *or* blocks caler (v) l'automobile sur le wagon	закрѣпить автомобиль на вагонѣ колодками fissare (v) *o* fermare (v) l'automobile sul vagone mediante ceppi acuñar (v) el automóvil sobre el vagón	6
Versandanzeige (f), Versandavis (m) advice note avis (m) d'expédition	увѣдомленіе (n) объ отправкѣ груза avviso (m) di spedizione talón (m) de expedición	7
Frachtbrief (m) delivery note, way bill, freight bill lettre (f) de voiture, connaissement (m)	накладная (f) polizza (f) di carico, lettera (f) di spedizione *o* di porto guia (f), conocimiento (m)	8
Eilfracht (f) express goods marchandises (f pl) [à expédier en] grande vitesse	грузъ (m) большой скорости merce (f) a grande velocità mercancías (f pl) expedidas á gran velocidad	9

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1	Frachtgut (n) goods sent by goods *or* freight train marchandises (f pl) [à expédier] en petite vitesse	грузъ (m) малой скорости merce (f) a piccola velocità mercancías (f pl) para expedir á pequeña velocidad
2	Frachtkosten (pl) cost of freight, freight charges port (m), frais (m) d'expédition *ou* de transport	стоимость (f) провоза porto (m), spese (f pl) di trasporto *o* di porto coste (m) de la expedición, gastos (m pl) de transporte
3	Frachtsatz (m) tariff tarif (m) [de transport]	провозная плата (f) tariffa (f) di trasporto *o* di porto tarifa (f) de transporte
4	Eilguttarif (m) express goods tariff tarif (m) de grande vitesse	тарифъ (m) для груза большой скорости tariffa (f) di grande velocità tarifa (f) de gran velocidad
5	Fracht (f) freight transport (m)	грузъ (m) trasporto (m), porto (m) transporte (m)
6	Zollstation (f) customs station bureau (m) de douane	таможенная станція (f) stazione (f) doganale, dogana (f) aduana (f)
7	Zolldeklaration (f) customs declaration déclaration (f) en douane	декларація (f); письменное объявленіе (n) на привозные товары, подаваемое въ таможню dichiarazione (f) doganale declaración (f) de aduanas
8	Zollamt (n) custom house bureau (m) de la douane	таможня (f) ufficio (m) della dogana oficina (f) de aduanas
9	Verzollung (f) payment of customs dues dédouanement (m), paiement (m) des frais de douane	оплата (f) пошлиной sdoganamento (m) aforo (m) de una mercancía, pago (m) de los derechos de aduanas
10	Zollrevision (f) examination at custom house, custom house inspection visite (f) à la douane	таможенный досмотръ (m) revisione (f) doganale visita (f) de la aduana

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Zollplombe (f) custom house seal plomb (m) de la douane	пломба (f) для удостовѣренія пропуска товара черезъ таможню; таможенная пломба piombo (m) *o* bollo (m) doganale marchamo (m) *ó* precinto (m) de la aduana	*1*
Zollvormerkschein (m) custom's note bordereau (m) de douane	подробный перечень (m) *или* списокъ (m) товаровъ въ декларацiи bolletta (f) doganale boleta (f) de aduana	*2*
zollfreie Wiedereinfuhr (f) duty free return passavant (m)	безпошлинный обратный ввозъ (m) ritorno (m) in franchigia doganale guia (f) de circulación (para volver á entrar franco de derechos)	*3*
Ursprungszeugnis (n) certificate of origin certificat (m) d'origine	удостовѣреніе (n) о мѣстѣ вывоза товара certificato (m) d'origine notificado (m) *ó* certificado (m) de origen	*4*
amtlich beglaubigtes Zeugnis (n) official certificate certificat (m) authentique, certificat (m) officiel	оффиціально удостовѣренное свидѣтельство (n) certificato (m) vidimato d'ufficio notificado (m) *ó* certificado (m) oficial *ó* auténtico	*5*
Entladefrist (f) unloading period, time in unloading délai (m) de déchargement	срокъ (m) разгрузки termine (m) di scaricamento plazo (m) de descarga	*6*
Standgeld (n) garrage fee frais (m pl) de stationnement	полежалое (n) spese (f pl) di sosta gastos (m pl) de almacenaje *ó* de paralización	*7*
einen Wagen vom Eisenbahnwagen abrollen (v) to roll a car off the truck descendre (v) une voiture du wagon	скатить экипажъ съ вагона scaricare (v) un automobile dal vagone retirar (v) un coche del vagón	*8*
Haftpflicht (f) responsibility responsabilité (f)	отвѣтственность (f) responsabilità (f) responsabilidad (f)	*9*

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1	Haftpflichtgesetz (n) law of responsibility loi (f) sur la responsabilité	законъ (m) объ отвѣтственности legge (f) sulla responsabilità ley (f) sobre la responsabilidad
2	Haftpflichtversicherung (f) insurance against responsibility assurance (f) contre la responsabilité	страхованіе (n) отъ отвѣтственности assicurazione (f) contro la responsabilità civile seguro (m) contra la responsabilidad
3	Rückversicherung (f) reinsurance contre-assurance (f), réassurance (f)	перестрахованіе (n); вторичное страхованіе (n) riassicurazione (f), contro-assicurazione (f) contra-seguro (m)
4	Feuerversicherung (f) fire insurance assurance (f) contre l'incendie *ou* le feu	страхованіе (n) отъ огня assicurazione (f) contro l'incendio seguro (m) de incendios
5	Transportversicherung (f) insurance during transport assurance (f) de transport	транспортное страхованіе (n) assicurazione (f) di trasporto seguro (m) de transporte
6	Unfallversicherung (f) accident insurance assurance (f) contre les accidents	страхованіе (n) на случай несчастія assicurazione (f) contro gli infortuni seguro (m) contra los accidentes
7	sich versichern (v) gegen ... to insure against s'assurer (v) contre ...	[за]страховаться отъ... assicurarsi (v) contro ... asegurarse (v) contra
8	Versicherungsgesellschaft (f) insurance company société (f) *ou* compagnie (f) d'assurances	страховое общество (n) società (f) d'assicurazione compañía (f) de seguros
9	behördliche Vorschrift (f) official regulation instruction (f) *ou* prescription (f) officielle	предписаніе (n) властей prescrizione (f) dell'autorità instrucción (f) *ó* disposición (f) oficial
10	Eigengewicht (n) eines Wagens net weight of a car poids (m) net d'une voiture	собственный вѣсъ (m) *или* чистый вѣсъ экипажа peso (m) proprio d'una vettura peso (m) neto de un coche

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Firmenschild (n) maker's name plate plaque (f) du constructeur *ou* de l'atelier de construction	дощечка (n) съ обозначеніемъ фирмы placca (f) *o* targa (f) della fabbrica placa (f) del constructor *ó* del taller de construcción	1
Gutachten (n) valuation expertise (f), estimation (f)	заключеніе (n) эксперта; экспертиза (f) parere (m), perizia (f) peritaje (m), tasación (f)	2
Zulassung (f) eines Fahrzeuges zum Verkehr auf öffentlichen Wegen licence for public service permis (m) de circulation	допущеніе (n) экипажа къ ѣздѣ по общественнымъ дорогамъ licenza (f) di circolazione permiso (m) de circulación	3
Polizeibehörde (f) police authority les autorités de police	полицейскія власти (f pl) autorità (f) di polizia el servicio de policía	4
amtliche Bescheinigung (f) official certificate *or* licence certificat (m) officiel, licence (f), récépissé (m) officiel	оффиціальное удостовѣреніе (n) certificato (m) ufficiale certificado (m) oficial	5
Dienststempel (m) official stamp, service number cachet (m) officiel, numéro (m) d'ordre de service	казённая печать (f) bollo (m) d'ufficio sello (m) oficial	6
Kennzeichen (n) distinctive mark, distinction mark marque (f) distinctive	отличительный знакъ (m) distintivo (m), segno (m) di riconoscimento marca (f) distintiva	7
Verkehrsstörung (f), Verkehrsstockung (f) disturbance *or* obstruction of traffic perturbation (f) du trafic *ou* de la circulation	препятствіе (n) движенію; нарушеніе (n) движенія perturbazione (f) del traffico perturbación (f) del tráfico *ó* de la circulación	8
Gebühr (f) tax, fee taxe (f)	плата (f); сборъ (m) tassa (f) tasa (f)	9
Prüfungsgebühr (f) trial fee taxe (f) d'essai *ou* d'épreuve	плата (f) за испытаніе indennità (f) di prova, tassa (f) di esame tasa (f) de ensayo	10

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1	Prüfungsausschuß (m), Prüfungskommission (f) trial committee commission (f) d'épreuve	испытательная комиссія (f); комиссія по испытанію commissione (f) di prova [esame] comisión (f) de prueba
2	Prüfgebühr (f), Prüfungstaxe (f) test *or* trial fee taxe (f) d'épreuve	такса (f) за испытаніе tassa (f) di prova [esame] tasa (f) de la prueba, cuota (f) de la prueba
3	prüfen (v) to try, to test essayer (v), éprouver (v)	испытать provare (v), esaminare (v) ensayar (v), probar (v)
4	zulassen (v) to admit admettre (v)	допустить ammettere (v) admitir (v)

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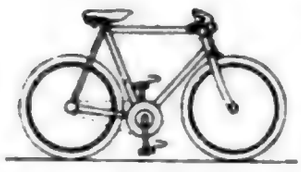
XV.

Motorfahrräder — Мотоциклетки
Motor-Cycles — Motociclette
Motocyclettes — Motocicletas

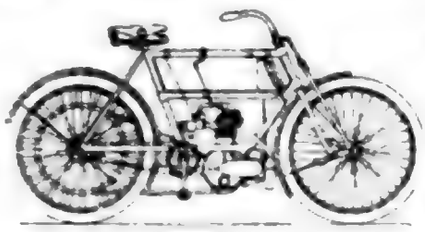
Fahrrad (n)
bicycle
bicyclette (f), bicycle (m)



велосипедъ (m)
bicicletta (f), velocipede (m), ciclo (m)
bicicleta (f)

1

Motorfahrrad (n), Motorrad (n)
motor cycle
motocyclette (f)



мотоциклъ (m); мотоциклетка (f) [иногда просто:] моторъ (m)
motocicletta (f)
motocicleta (f)

2

Motorzweirad (n)
motor bicycle
motocyclette (f) à deux roues

[двухколёсный] мотоциклъ (m); [двухколёсная] мотоциклетка (f); двухколёсный моторъ (m)
bicicletta (f) a motore
motocicleta (f) de dos ruedas

3

Tourenmotorrad (n)
touring motor cycle
motocyclette (f) de promenade

мотоциклъ (m) для туризма
motocicletta (f) per turismo
motocicleta (f) de paseo

4

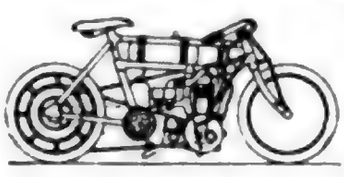
---

starkes Tourenrad (n)
roadster
bicyclette (f) *ou* motocyclette (f) de tourisme

дорожный мотоциклъ (m); сильный мотоциклъ (m) для туризма
bicicletta (f) robusta da turismo
motocicleta (f) de turismo

5

Rennmotorrad (n)
racing motor cycle
motocyclette (f) type course



гоночный мотоциклъ (m)
motocicletta (f) da corsa
motocicleta (f) de carreras

6

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Bahnrenner (m)
path racer
1 bicyclette (f) *ou* motocyclette (f) de course sur piste

гоночный мотоциклъ (m) для трека
bicicletta (f) da corsa su pista
bicicleta (f) ó motocicleta (f) para carreras sobre pista

Halbrenner (m)
half racer
2 bicyclette (f) *ou* motocyclette (f) de demi-course

полугоночный мотоциклъ (m)
bicicletta (f) da mezza corsa
bicicleta (f) ó motocicleta (f) de media carrera

Straßenrenner (m)
road racer
3 bicyclette (f) *ou* motocyclette (f) de course sur route

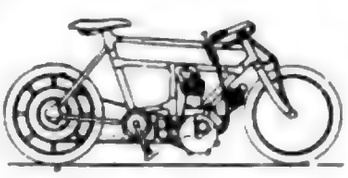
дорожный гоночный мотоциклъ (m)
bicicletta (f) da corsa su strada
bicicleta (f) ó motocicleta (f) para carreras sobre carreteras

---

Motorrad (n) mit einem Zylinder
single cylinder motor
4 cycle
motocyclette (f) monocylindre *ou* à un cylindre

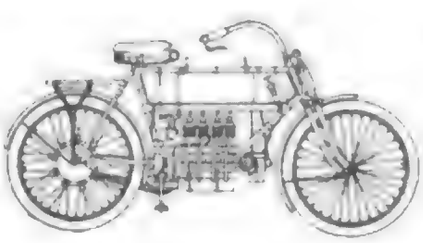
одноцилиндровый мотоциклъ (m)
motocicletta (f) a un cilindro *o* monocilindrica
motocicleta (f) de un cilindro

Motorrad (n) mit zwei Zylindern
5 two cylinder motor cycle
motocyclette(f) à deux cylindres



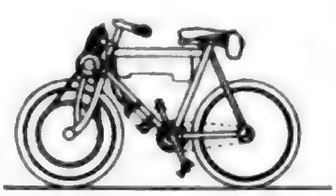
двухцилиндровый мотоциклъ (m)
motocicletta (f) a due cilindri
motocicleta (f) de dos cilindros

Motorzweirad (n) mit vier Zylindern
6 four cylinder motor cycle
motocyclette (f) à quatre cylindres



четырёхцилиндровый мотоциклъ (m)
motocicletta (f) a quattro cilindri
motocicleta (f) de cuatro cilindros

Motorrad (n) mit Vorder[rad]antrieb
motor cycle with front
7 wheel drive
motocyclette (f) à transmission sur l'avant



мотоциклъ (m) съ приводомъ на переднее колесо
motocicletta (f) con comando *o* trasmissione alla ruota anteriore
motocicleta (f) con transmisión del movimiento á la rueda delantera

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Motorrad (n) mit Hinter-[rad]antrieb
motor-cycle with rear *or* back wheel drive
motocyclette (f) à transmission sur l'arrière

мотоциклъ (m) съ приводомъ на заднее колесо
motocicletta (f) con comando *o* trasmissione alla ruota posteriore
motocicleta (f) con transmisión del movimiento á la rueda trasera

1

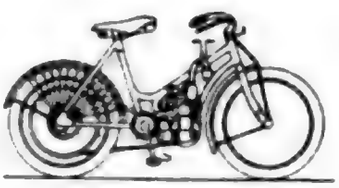
---

vor dem Tretkurbellager eingebauter Motor (m)
motor mounted in front of the crank axle bracket
moteur (m) monté à l'avant du pédalier

двигатель (m), установленный передъ педальной осью
motore (m) montato davanti al mozzo della manovella centrale
motor (m) colocado delante del pedal

2

Damenrad (n)
ladies motor cycle
bicyclette (f) *ou* motocyclette (f) pour dames



дамскій мотоциклъ (m)
bicicletta(f) da signora
bicicleta (f) *ó* motocicleta (f) para señoras

3

Doppelsitzrad (n), Tandem (n)
tandem
tandem (m)

тендэмъ (m)
tandem (m)
tándem (m)

4

Straßentandem (n)
road tandem
tandem (m) de route

дорожный тендэмъ (m)
tandem (m) da strada
tándem (m) de carreteras

5

Motorzweisitzer (m) für Schrittmacher
two seated motor for pace maker, pace makers two seated motor, motor tandem pace maker
motocycle-tandem (m) pour entraineurs

мототендэмъ (m) для лидеровъ
tandem (m) a motore per allenatori
motocicleta (f) tándem de entrenamiento

6

Tandemsitz (m)
tandem seat
siège (m) *ou* selle (f) de tandem

a

сидѣніе (n) на тендэмѣ
sedile (m) *o* sella (f) di tandem
asiento (m) *ó* silla (f) de tándem

7

Anhängewagen (m)
trailer
voiturette (f) de remorque

прицѣпная коляска (f)
carrozzetta (f) da rimorchio
cochecillo (m) de remolque

8

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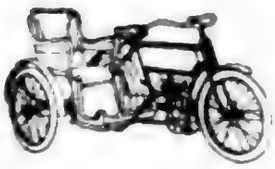
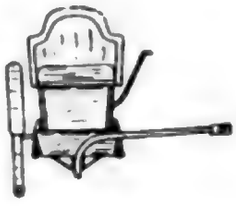
1 Motorzweirad (n) mit Seitenwagen
motor bicycle with side carriage, motor cycle with side car, sociable
motocyclette (f) avec voiturette de côté



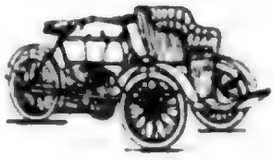
мотоциклъ (m) съ боковой колясочкой
motocicletta (f) con carrozzetta laterale
motocicleta (f) con cochecillo al lado

2 Seitenwagen (m), Beiwagen (m)
side carriage *or* chair *or* car
voiturette (f) à remorque latérale



боковая прицѣпная колясочка (f)
carrozzetta (f) da rimorchio laterale
cochecillo (m) de remolque lateral

3 Motorzweirad (n) mit Vorsteckwagen
motor cycle with chair in front
motocycle (m) avec voiturette à l'avant

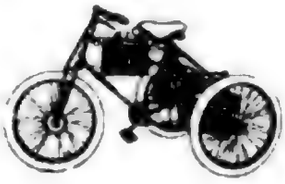


мотоциклъ (m) съ передней прицѣпной колясочкой
motocicletta (f) con carrozzetta anteriore
motocicleta (f) con cochecillo delantero

4 Vorsteckwagen (m)
front chair
voiturette (f) à l'avant

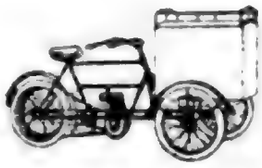
передняя прицѣпная колясочка (f)
carrozzetta (f) anteriore
cochecillo (m) delantero

5 Motordreirad (n)
motor tricycle
tricycle (m) automobile



трёхколёсный моторъ (m); трёхколёсный мотоциклъ (m); трехколёска (f)
triciclo (m) a motore
tricicleta (f), tri-car (m) automóvil

6 Gepäckmotor[drei]rad (n)
motor tricycle with luggage carrier
tricycle (m) pour colis, tricar (m)



трёхколёсный моторъ (m) для развозки товаровъ
triciclo (m) portapacchi a motore
tricicleta (f) ó tri-car (m) para equipajes

7 kettenloses Fahrrad (n)
chainless bicycle
motocycle (m) sans chaîne

велосипедъ (m) безъ цѣпи
bicicletta (f) senza catena
motocicleta (f) sin cadena

8 Motor[rad]fahrer (m)
motor cyclist
motocycliste (m)

мотоциклистъ (m); мотористъ (m); гонщикъ (m) *или* ѣздокъ (m) на мотоциклеткѣ
motociclista (m)
motociclista (m)

9 aufsteigen (v)
to mount
monter (v)

садиться
salire (v)
subir (v)

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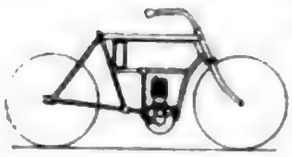
absteigen (v)
to dismount
descendre (v)

сходить; слѣзать
scendere (v)
bajarse (v) *1*

Motorradrahmen (m)
motor cycle frame
cadre (m) de motocyclette



рама (f) мотоцикла
telaio (m) da motocicletta
cuadro (m) de motocicleta *2*

Rahmenform (f)
type *or* shape of frame
type (m) de cadre

форма (f) *или* типъ (m) рамы
forma (f) del telaio
tipo (m) de cuadro *3*

Stahlrohr (n)
steel tube
tube (m) d'acier

стальная трубка (f)
tubo (m) d'acciaio
tubo (m) de acero *4*

Rahmenrohr (n)
frame tube
tube (m) de cadre

трубка (f) рамы
tubo (m) per telaio
tubo (m) de cuadro *5*

Innenlötung (f)
inside brazing
brasage (m) invisible

внутренняя [с]пайка (f)
saldatura (f) interna *od* invisibile
soldadura (f) fuerte invisible *6*

Außenlötung (f)
outside brazing
soudure (f) extérieure *ou* visible

наружная [с]пайка (f)
saldatura (f) esterna *o* visibile
soldadura (f) exterior *ó* visible *7*

Oberrohr (n)
cross *or* upper frame tube
tube (m) supérieur

a

верхняя трубка (f)
tubo (m) superiore
tubo (m) superior *8*

Unterrohr (n)
lower frame tube
tube (m) diagonal

b

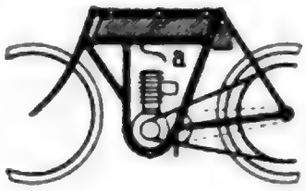
нижняя трубка (f)
tubo (m) inferiore
tubo (m) diagonal *9*

Sitzrohr (n)
saddle frame tube
tube (m) central

c

трубка (f) сидѣнія; подсѣдельная трубка
tubo (m) da sella
tubo (m) central *10*

Mittelrohr (n)
middle frame tube
tube-entretoise (m)



a

средняя трубка (f)
tubo (m) intermedio
tubo (m) tirante *11*

Rahmenquerrohr (n)
cross tube, transverse tube (of frame)
tube (m) transversal de cadre

поперечная трубка (f) рамы
tubo (m) trasversale del telaio
tubo (m) transversal *ó* diagonal de cuadro *12*

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Kurbellagergehäuse (n)
crank axle bracket
1 palier (m) de manivelle [de pédalier], boîte (f) de pédalier

коробка (f) педальной оси; средникъ (m); каретка (f)
scatola (f) del movimento
soporte (m) de manivela [del pedal]

Motor[befestigungs]-klaue (f)
2 lug for the motor
patte (f) d'attache du moteur

лапа (f) для укрѣпленія двигателя
attacco (m) pel motore
garra (f) de fijación del motor

Strebenrohr (n)
3 stay tube
tube (m) contre-fiche

упорная трубка (f)
tubo (m) posteriore inclinato
tubo-riostra (m)

---

gekröpftes Strebenrohr (n)
4 bent *or* curved stay tube
tube (m) contre-fiche coudé

колѣнчатая упорная трубка (f)
tubo (m) posteriore inclinato con piegatura
tubo-riostra (m) acodado

Hinter[rad]gabel (f)
5 back *or* rear fork
fourche (f) de la roue d'arrière

вилка (f) задняго колеса
forcella (f) [della ruota] posteriore
horquilla (f) de la rueda trasera

Hintergabelbrücke (f)
6 shoulder cross piece of rear fork
entretoise (f) de fourche arrière postérieure

крѣпленіе (n) задней вилки
ponticello (m) della forcella posteriore
puente (m) de horquilla trasera

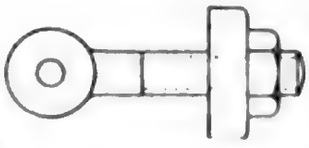
Hintergabelrohr (n)
7 tube of rear fork
fourche (f) arrière

трубка (f) задней вилки
tubo (m) della forcella posteriore
horquilla (f) trasera

Hintergabelauge (n)
8 eye of rear fork
œil (m) de fourche arrière

проушина (f) задней вилки
forcellino (m) posteriore
ojo (m) de horquilla trasera

Kettenspanner (m), Kettenanzug (m)
9 chain bolt, chain tightening bolt
tendeur (m) de chaîne



натяжка (f) цѣпи; натяжной приборъ (m) для цѣпи
tiracatena (m)
tensor (m) de cadena

Steuerrohr (n)
10 steering head tube
tube (m) de direction

рулевая трубка (f)
tubo (m) per sterzo
tubo (m) de dirección

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Gabel (f)
fork
fourche (f)

вилка (f)
forcella (f)
horquilla (f)
1

Gabelscheide (f)
fork prong
fourreau (m) de fourche

ножны (f pl) [передней] вилки
divisione (f) della forcella
tubo (m) *ó* vaina (f) de horquilla
2

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federnde Vordergabel (f)
front fork mounted on springs
fourche (f) avant à ressorts

передняя пружинная вилка (f)
forcella (f) anteriore a molla *o* elastica
horquilla (f) delantera elástica
3

Vorderachsfederung (f)
front wheel spindle spring
suspension (f) par ressort de la roue avant

пружина (f) для подвѣски вилки на передней оси
sospensione (f) del perno anteriore
suspensión (f) por medio de muelle de la rueda delantera
4

Doppelgabel (f), versteifte Vordergabel (f)
front fork with stay rods
double fourche (f), fourche (f) renforcée

двойная вилка (f); усиленная передняя вилка
forcella (f) doppia, forcella (f) rinforzata
horquilla (f) doble, horquilla (f) reforzada
5

Gabelkopf (m)
fork head
tête (f) de fourche

головка (f) вилки
testa (f) di forcella
cabeza (f) de horquilla
6

Dreiplattenkopf (m)
three shoulder head
tête (f) de fourche à trois plaques

трёхпластинчатая головка (f)
testa (f) di forcella a tre piastrine
cabeza (f) de horquilla de tres plaquitas
7

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1	Lenkstange (f) handle bar guidon (m)	a	руль (m) manubrio (m) guia (f)
2	Handbremshebel (m) hand brake lever manette (f) du frein	b	рычагъ (m) ручного тормаза leva (f) per freno a mano manecilla (f) del freno
3	Zündverstellhebel (m) ignition *or* spark lever manette (f) d'allumage	c	рычагъ (m) для перестановки зажиганія leva (f) dell'accensione manecilla (f) de encendido
4	Griff (m), Handgriff (m) grip, handgrip poignée (f)	a	ручка (f) manopola (f), impugnatura (f) puño (m), manecilla (f)
5	Ballengriff (m) ball grip poignée (f) de forme bombée		выпуклая ручка (f) manopola (f), impugnatura (f) a pera puño (m) de forma bombeada
6	Lenkstangenquerrohr (n) handle bar cross tube tube (m) transversal du guidon		поперечная трубка (f) руля cannello (m) di sterzo tubo (m) transversal del guia
7	Lenkstangenschaftrohr (n), Lenkstangenstützrohr (n) shank of handle bar tube (m) de support du guidon		опорная трубка (f) руля gambo (m) del manubrio tubo (m) de soporte del guia
8	Lenkstangenklemmung (f) gripping *or* locking *or* clamping the handle bar serrage (m) de guidon		зажимъ (m) руля chiusura (f) *o* serraggio (m) dello sterzo aprieto (m) del guia
9	Lenkstangenklemmring (m) locking ring collier (m) de serrage du guidon, collier (m) de direction		нажимное *или* зажимное кольцо (n) руля serrasterzo (m) *o* stringisterzo (m) anulare anillo (m) de aprieto del guia

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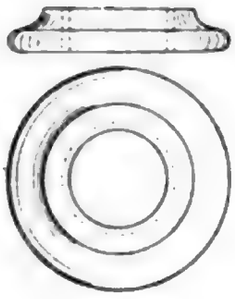
Kugelkopfklemmring (m)
ball head locking ring
collier (m) de serrage à tête sphérique

нажимное *или* зажимное кольцо (n) съ шаровой головкой
serrasterzo (m) conico
collar (m) de aprieto de cabeza esférica
1



Ziermutter (f)
milled nut
rondelle (f) de garniture d'écrou

гайка (f) для украшенія
calotta (f) per sterzo
anillo (m) de guarnición para tuerca
2

Innenbefestigung (f) der Lenkstange
inside fixing to the handle bar
serrage (m) intérieur du guidon

внутреннее закрѣпленіе (n) *или* укрѣпленіе руля
fissamento (m) del manubrio con expander
disposición (f) de aprieto interior del guía
3

Innenklemme (f) der Lenkstange
inside clamp for handle bar
tube (m) de serrage du guidon

внутренній зажимъ (m) руля
expander (m) per manubrio
tubo (m) de aprieto del guía
4

Sattelstütze (f)
saddle pin
support (m) de la selle

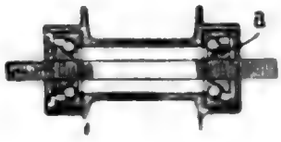
сѣдельная стойка (f); сѣдельная подпорка (f)
portasella (m), reggisella (m)
soporte (m) de la silla
5

Sitzwinkeleinsteckrohr (n)
saddle pin
tube (m) porte-selle incliné

колѣнчатая вставная трубка (f) сидѣнія
portasella (m) ad angolo in avanti
tubo (m) porta-silla inclinado
6

Nabe (f)
hub
moyeu (m)

ступица (f); втулка (f)
mozzo (m)
cubo (m)
7



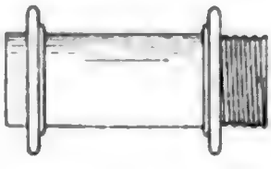
Vorderradnabe (f)
front wheel hub
moyeu (m) de la roue d'avant

ступица (f) *или* втулка (f) передняго колеса
mozzo (m) della ruota anteriore
cubo (m) de la rueda delantera
8

Kugel[lager]konus (m)
cone of ball bearing
cage (f) conique du roulement à billes

a

шариковый конусъ (m); конусъ шариковаго подшипника
cono (m) del cuscinetto a sfere
cojinete (m) cónico de bolas
9



Hinterradnabe (f)
back wheel hub
moyeu (m) de la roue d'arrière

ступица (f) *или* втулка (f) задняго колеса
mozzo (m) della ruota posteriore
cubo (m) de la rueda trasera
10

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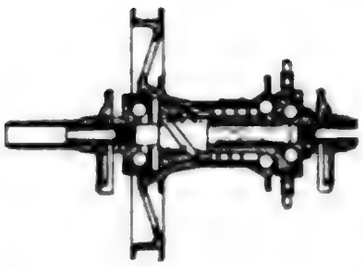
1 Freilaufnabe (f)
free wheel hub
moyeu (m) de la roue libre



ступица (f) *или* втулка (f) свободнаго колеса
mozzo (m) a ruota libera *od* a scatto libero
cubo (m) de la rueda libre

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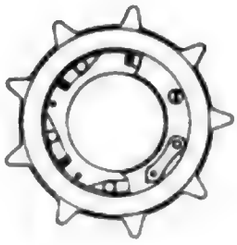
2 Freilaufeinrichtung (f), Freilaufmechanismus (m)
free wheel mechanism
mécanisme (m) de la roue libre



механизмъ (m) свободнаго колеса
meccanismo (m) a scatto libero *od* a ruota libera
mecanismo (m) para rueda libre

---

3 Rücktrittbremse (f)
back pedalling brake
frein (m) à contre-pédale

тормазъ (m), дѣйствующій при нажатіи на педаль въ обратную сторону
freno (m) a contropedale
freno (m) de contrapedal

---

4 Vorderradbandbremse (f)
front wheel band brake
frein (m) à ruban sur roue d'avant

a

ленточный тормазъ (m) передняго колеса
freno (m) a nastro per ruota anteriore
freno (m) de cinta sobre la rueda delantera

---

5 Vorderradreifenbremse (f)
front wheel tyre brake
frein (m) sur pneu de la roue d'avant

a

тормазъ (m), дѣйствующій на шину передняго колеса
freno (m) anteriore, freno (m) sulla ruota anteriore
freno (m) sobre el neumático de la rueda delantera

---

6 Bremswinkelstück (n)
brake pad holder
équerre (f) du frein

колѣнчатая тяга (f) тормаза
pezzo (m) ad angolo del freno
pieza (f) de ángulo del freno

---

7 Bremsschuh (m)
brake shoe
sabot (m) de frein

тормазной башмакъ (m)
pattino (m) per freno
zapata (f) del freno

---

8 Gummiklotz (m)
rubber pad
sabot (m) en caoutchouc

резиновая колодка (f)
dado (m) in gomma per il freno
zapata (f) de goma

---

9 Bremsgummi (m)
brake rubber
caoutchouc (m) pour frein

резина (f) для тормаза
gomma (f) del freno
caucho (m) para freno

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Hinterradbandbremse (f) back wheel band brake frein (m) à ruban sur roue arrière	ленточный тормазъ (m) задняго колеса freno (m) a nastro per ruota posteriore freno (m) de cinta sobre rueda trasera	1
Lederbelag (m) der Bandbremse leather lining of band brake garniture (f) en cuir du ruban de frein	кожаная обкладка (f) ленточнаго тормаза guarnitura (f) di cuoio per freno a nastro forro (m) de cuero de la cinta de freno	2
Bremstrommel (f) brake drum tambour (m) de frein	барабанъ (m) тормаза tamburo (m) del freno tambor (m) de freno	3
Felgenbremse (f) rim brake frein (m) sur jante	тормазъ (m), дѣйствующій на ободъ freno (m) al cerchio freno (m) sobre la llanta	4
Riemenfelge (f) belt pulley jante (f) *ou* poulie (f) pour courroie	шкивъ (m) передаточнаго ремня cerchio (m) per cinghia llanta (f) para cinta de cuero	5
Riemenfelgenbremse (f), Hinterradfelgenbremse (f) strap manipulated rim brake, back wheel rim brake frein (m) sur la jante à courroie, frein (f) sur jante de roue arrière	тормазъ (m), дѣйствующій на шкивъ передаточнаго ремня; тормазъ, дѣйствующій на ободъ задняго колеса freno (m) al cerchio della cinghia, freno (m) al cerchio della ruota posteriore freno (m) sobre la llanta con cinta de cuero, freno (m) sobre llanta de la rueda trasera	6
Bowdenbremse (f) Bowden brake frein (m) Bowden	тормазъ (m) Боудена freno (m) Bowden a trasmissione flessibile freno (m) Bowden	7
Bowdenkabel (n) Bowden cable transmission (f) flexible de Bowden	кабель (m) Боудена trasmissione (f) flessibile Bowden transmisión (f) flexible de Bowden	8
Drahtzug (m) wire cable (m) de commande	проволочный кабель (m); тросъ (m) tirantino (m) alambre (m) de mando	9

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1	Bremsfeder (f) brake spring ressort (m) de frein	тормазная пружина (f) molla (f) per freno resorte (m) de freno
2	Federband (n) spring band ruban (m) de ressort	пружинная лента (f) nastro (m) di freno cinta (f) de resorte
3	Doppelübersetzungsnabe (f) hub with two speed gear moyeu (m) de multiplication (double)	втулка (f) *или* ступица (f) для двойной передачи mozzo (m) a due velocità cubo (m) para multiplicación (doble)
4	Doppelhohlstahlfelge (f) hollow double steel rim double jante (f) creuse en acier	двойной пустотѣлый стальной ободъ (m) cerchio (m) doppio vuoto llanta (f) hueca doble de acero
5	Tangentspeiche (f) tangent spoke rayon (m) tangent	тангентная спица (f) raggio (m) tangente rayo (m) tangente
6	Drahtspeiche (f) wire spoke rayon (m) en fil d'acier	проволочная спица (f) raggio (m) di filo d'acciaio rayo (m) de alambre de acero
7	Speichenkopf (m) head of spoke tête (f) de rayon	головка (f) спицы testina (f) del raggio cabeza (f) de rayo
8	Speichennippel (m) spoke nipple douille (f) de rayon	ниппель (m) спицы bocciolo (m) per raggio manguito (m) de radio
9	Nippelschlüssel (m), Nippelspanner (m) spoke key clef (f) pour douille	ниппельный ключъ (m); натяжной приборъ (m) для ниппелей morsetto (m) per bocciolo llave (f) de aprieto de los manguitos
10	ein Rad spannen (v) to true up a wheel centrer (v) une roue	натянуть спицы колеса centrare (v) una ruota apretar (v) los radios de una rueda
11	Fahrradmotor (m) bicycle motor moteur (m) de bicyclette *ou* motocyclette	моторъ (m) для мотоцикла motore (m) leggero per bicicletta motor (m) para bicicleta

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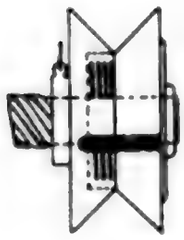
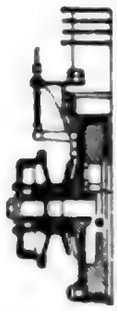
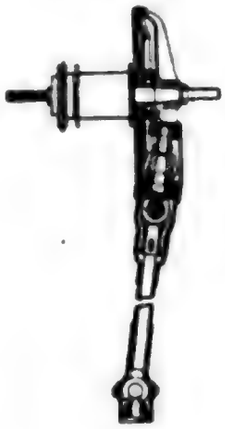
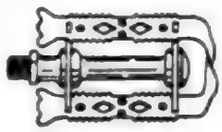
im Durchmesser veränderliche Riemenscheibe (f) expanding belt pulley poulie (f) extensible		шкивъ (m) съ перемѣннымъ діаметромъ puleggia (f) a cinghia variante nel diametro *od* a diametro variabile polea (f) extensible	*1*
Zahnradvorgelege (n) mit Riemenspanner toothed transmission gear with belt stretcher transmission (f) par engrenage *ou* à prise directe avec tendeur à courroie		зубчатая передача (f) съ натяжнымъ приборомъ для ремня rinvio (m) ad ingranaggi con tendicinghia transmisión (f) por engranaje con correa tensora	*2*
Riemenscheibe (f) mit Leerlaufkupplung free wheel driving belt pulley poulie(f) avec débrayage pour roue libre		шкивъ (m) съ сцѣпленіемъ холостого хода puleggia (f) a cinghia con innesto a ruota libera polea (f) con desembrague para rueda libre	*3*
Motorradantrieb (m) durch Kardanwelle motor cycle drive with Cardan shaft transmission (f) de motocyclette par cardan		приводъ (m) мотоцикла посредствомъ карданнаго вала comando (m) di motocicletta a cardano transmisión (f) de motocicleta por cardan	*4*
Tretwerk (n) pedal gear pédalier (m)		педали (f pl) pedaliere (m) pedal (m)	*5*
Pedal (n) pedal pédale (f)		педаль (f) pedale (m) pedal (m)	*6*
Zackenpedal (n) rat trap pedal pédale (f) à scie		педаль (f) съ зубчиками; зазубренная педаль pedale (m) a sega pedal (f) con dientes	*7*
Tretkurbel (f) [pedal] crank manivelle (f)		кривошипъ (m) pedivella (f) manivela (f)	*8*

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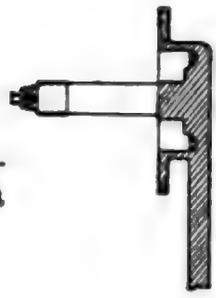
1 Glockenkurbel (f)
ball crank with protection cap
manivelle (f) avec logement (pour pédale à billes)



колоколообразный кривошипъ (m)
pedivella (f) a campana
manivela (f) con cubeta (para pedal de bolas)

---

2 Pedaltritt (m)
stroke of the pedal
coup (m) de pédale

нажатіе (n) ногой на педаль
pedalata (f)
golpe (m) de pedal

---

3 Pedalrücktritt (m)
back pedal
pédalage (m) en arrière

нажатіе (n) на педаль въ обратную сторону
contropedalata (f)
golpe (m) de pedal para atrás

---

4 Fußhaken (m), Rennhaken (m)
toe clip
cale-pied (m)

педальная захватка (f) [туклипсъ (m)]; гоночный педальный крюкъ (m)
fermapiede (m) per pedale
estribo (m)

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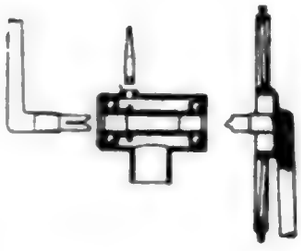
5 Tretlager (n), Kurbellager (n), Tretkurbellager (n), Pedallager (n)
crank axle bearing, pedal bearing
roulement (m) de pédalier



подшипникъ (m) оси шатуновъ
calotta (f) per movimento, sopporto (m) della pedaliera
cojinete (m) de pedal

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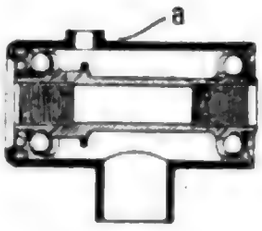
6 Tretlagergehäuse (n)
crank axle bracket
boîte (f) de pédalier



a

коробка (f) подшипниковъ оси шатуновъ; средникъ (m)
scatola (f) del sopporto della pedaliera
caja (f) de pedal

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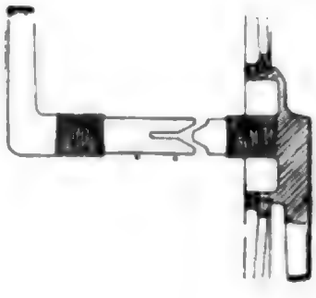
7 geteilte Tretkurbelachse (f)
crank axle divided in two parts
axe (m) de pédale en deux pièces



разъёмная ось (f) шатуновъ; составная ось шатуновъ; ось шатуновъ, состоящая изъ двухъ частей
perno (m) di movimento diviso
eje (m) de pedal en dos piezas

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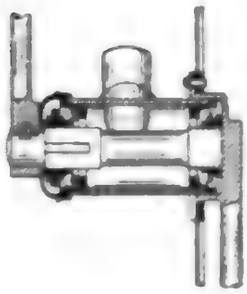
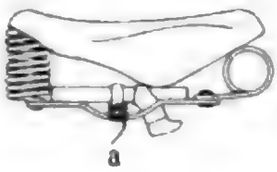
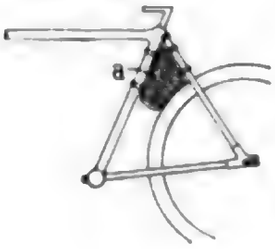
Doppelglockenlager (n) ball bearing with protection caps at both ends of the crank axle roulement (m) à billes à double cuvette		двойной колоколообразный подшипникъ (m) sopporto (m) *o* cuscinetto (m) a doppia campana cojinete (m) de bolas de doble cubeta	*1*
Sattel (m) saddle selle (f)		сѣдло (n) sella (f) silla (f)	*2*
Rennsattel (m) racing saddle selle (f) de course		гоночное сѣдло (n) sella (f) da corsa silla (f) para carreras	*3*
Polstersattel (m) upholstered saddle selle (f) rembourrée		мягкое сѣдло (n); сѣдло, набитое волосомъ *или* шерстью sella (f) imbottita, sella (f) a cuscinetto silla (f) rehenchida	*4*
Sattelklemme (f) saddle clamp attache (f) de selle	 a	сѣдельный зажимъ (m) attacco (m) per sella pieza (f) de sujeción para la silla	*5*
Sattelmuffe (f) saddle pin socket manchon (m) d'attache de selle		сѣдельная муфта (f) manicotto (m) per sella manguito (m) de sujeción de la silla	*6*
Sattelwinkelmuffe (f) saddle socket manchon (m) coudé de la selle		сѣдельная колѣнчатая муфта (f) manicotto (m) ad angolo per sella manguito (m) acodado para silla	*7*
Klemmbolzen (m) der Sattelstütze saddle pillar clamp bolt boulon (m) du support de la selle		зажимный болтъ (m) сѣдельной подпорки bullone (m) di unione del reggisella tornillo (m) de fijación del soporte de silla	*8*
Satteltasche (f) tool bag sacoche (f) de selle		сѣдельная сумка (f) borsetta (f) pei ferri bolsillo (m) de silla	*9*
Rahmentasche (f) tool bag *or* satchel fitted to the frame sacoche (f) pour cadre	 a	угловая сумка (f) на раму borsa (f) per telaio bolsillo (m) para cuadro	*10*

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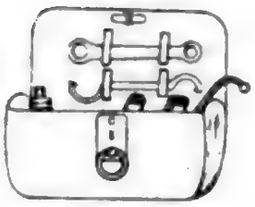
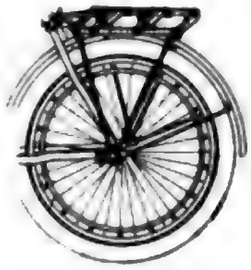
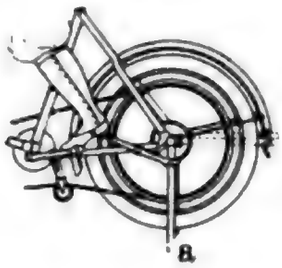
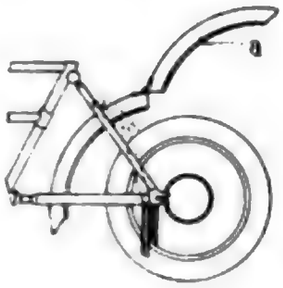
1	Reparaturausrüstung(f), Ausbesserungsbesteck (n) repairing outfit nécessaire (m) pour les réparations		сумка (f) съ инструментами corredo (m) per riparazioni caja (f) de herramientas
2	Gepäckhalter (m) luggage carrier porte-bagages (m)		багажникъ (m) portabagaglio (m) porta-equipajes (m)
3	Anfahrständer (m) crutch,back wheel stand pied (m) de support, béquille (f) de démarrage	 a	стойка (f) для пуска въ ходъ sopporto (m) per partenza da fermo soporte (m) de arranque
4	Kippständer (m) pivoted crutch pied (m) de support pivotant	 a	перекидная стойка (f) sopporto (m) per partenza da fermo reversibile soporte (m) de arranque oscilante
5	aufklappbarer Kotschützer (m) hinged mudguard garde-boue (f) à charnière	 a	шарнирный щитокъ (m) отъ грязи; шарнирный предохранитель (m) отъ грязи parafango (m) smontabile guardabarros (m) de charnela
6	anschieben (v) to push pousser (v)		подталкивать avviare (v) spingendo empujar (v)
7	antreten (v) to start pedalling mettre (v) en marche en pédalant		начинать работать педалями avviare (v) pedalando poner (v) en marcha pedaleando
8	Fußraste (f) foot rest repose-pied (m)		подпорка (f) для ногъ poggiapiede (m) disposición (f) para descansar los pies

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Zelluloidkettenkasten (m)
celluloid gear case
carter (m) de chaîne en celluloïd

целлюлоидный картеръ (m) *или* целлулоидная коробка (f) для цѣпи
paracatena (m) in celluloide
carter (m) para cadena de celuloide

1

Kleiderschützer (m)
skirt guard, dress guard
garde-jupe (m)

предохранитель (m) *или* щитъ (m) для платья
paraveste (m)
guarda-enaguas (m)

2

Hosenhalter (m)
trouser clip
pince (f) *ou* agrafe (m) de pantalon

прихватки (f pl) для брюкъ
fermapantalone (m)
pinza (f) para pantalón

3

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XVI.

Motorboote
Motor Boats
Bateaux automobiles

Моторныя лодки
Canotti automobili
Botes automóviles

1	Motorbootwesen (n) motorboats (pl) canots (m pl) automobiles	моторно-лодочное дѣло (n) canottaggio (m) automobile lanchas (f pl) *ó* botes (m pl) automóviles
2	Motorbootsport (m) motor boat sport yachting (m) *ou* canotage (m) automobile	моторно-лодочный спортъ (m) sport (m) motonautico [deporte (m) de] navegación (f) automóvil
3	Motorbootindustrie (f) motorboat *or* launch industry industrie (f) des bateaux *ou* canots automobiles	моторно-лодочная промышленность (f) industria (f) motonautica industria (f) de barcas *ó* botes automóviles
4	Bootkonstrukteur (m) naval architect ingénieur (m) naval, constructeur (m) de canots	конструкторъ (m) лодокъ costruttore (m) di canotti constructor (m) de botes automóviles, ingeniero (m) naval
5	Bootbauer (m) boat builder constructeur (m) de bateaux *ou* canots	строитель (m) лодокъ fabbricante (m) di canotti *o* di imbarcazioni constructor (m) de barcas *ó* de botes
6	Motorbootwerft (f), Bootbauerei (f) ship yard (*or* building yard) for motor boats chantier (m) naval, chantier (m) de construction de bateaux automobiles	моторно-лодочная верфь (f) cantiere (m) di canotti automobili *o* di autoscafi taller (m) de construcción de barcas, grada (f) de construcción de buques, calzos (m pl) para la construcción de un bote

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Boot[s]schuppen (m)
boat shed
hangar (m) de bateau *ou* de canot

шлюпочный сарай (m)
tettoia (f) per canotti
cobertizo (m) *ó* tinglado (m) de abrigar botes *1*

Motorbootbesitzer (m), Bootseigner (m), Bootseigentümer (m)
owner of a motor boat
propriétaire (m) de canot automobile

владѣлецъ (m) лодки
proprietario (m) di canotto automobile
propietario (m) de bote automóvil *2*

Motorbootfahrer (m)
motor boat driver, pilot (A)
pilote (m) de canot automobile

ѣздящій на моторныхъ лодкахъ; пилотъ (m) моторныхъ лодокъ
conduttore (m) di canotto automobile *o* di autoscafo
canoero (m) automovilista, piloto (m) de bote automóvil *3*

Motorboot (n), Kraftboot (n)
motor boat, motor launch
bateau (m) *ou* barque (f) *ou* canot (m) automobile

моторная лодка (f)
canotto (m) *o* lancia (f) automobile
bote (m) *ó* embarcación (f) automóvil *4*

Personenboot (n)
passenger boat
bateau (m) à voyageurs

пассажирская лодка (f)
battello (m) *o* canotto (m) per passeggieri
embarcación (f) *ó* bote (m) para viajeros *5*

Vergnügungsboot (n)
excursion *or* pleasure boat
bateau (m) *ou* canot (m) de plaisance

прогулочная лодка (f); лодка для прогулокъ
canotto (m) da diporto
embarcación (f) *ó* bote (m) de recreo *6*

Sportboot (n)
pleasure launch
canot (m) *ou* bateau (m) de course

спортивная лодка (f)
canotto (m) da sport
embarcación (f) *ó* bote (m) de deporte *7*

Rennboot (n), Rennjacht (f)
racer, racing craft, racing yacht
racer (m), bateau (m) de course *ou* de régates, bateau (m) d'expérience

гоночная лодка (f); гонщикъ (m)
canotto (m) *o* yacht (m) da corsa
barco (m) de regatas, bote (m) de carreras *8*

Kreuzer (m), Kreuzerjacht (f), Tourenboot (n)
cruising launch, cruiser
cruiser (m), bateau (m) de tourisme, canot (m) de promenade

крейсеръ (m); лодка (f) для путешествій
battello (m) da crociera, yacht (m) incrociatore, canotto (m) da turismo
barco (m) *ó* bote (m) de excursión *ó* de paseo *9*

Rennkreuzer (m)
racing cruiser
yacht (m) *ou* croiseur (m) de course

гоночный крейсеръ (m)
incrociatore (m) da corsa
yate (m) *ó* crucero (m) de carreras *ó* de regatas *10*

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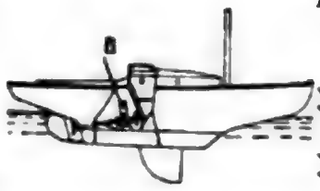
Schnellboot (n) speed launch 1 bateau (m) rapide, bateau (m) *ou* canot (m) de vitesse		быстроходная лодка (f) canotto (m) di velocita *od* a corsa rapida bote (m) ligero *ó* de gran velocidad, barco (m) veloz
Segeljacht (f) mit Hilfsmotor, Auxiliarjacht (f) 2 auxiliary yacht *or* cruiser, yacht with auxiliary motor yacht (m) *ou* cruiser (m) mixte (à moteur et à voile)		парусная яхта (f) со вспомогательнымъ моторомъ yacht (m) a vela con motore ausiliare yate (m) mixto (de vela y motor)
Hilfsmotor (m) 3 auxiliary motor moteur (m) auxiliaire	a	вспомогательный моторъ (m) motore (m) ausiliare motor (m) auxiliar
Motorjacht (f) mit Hilfssegeln 4 motor yacht with auxiliary sails yacht (m) automobile avec voilure auxiliaire		моторная яхта (f) со вспомогательными парусами yacht (m) automobile *od* a motore con velatura ausiliare yate (m) automóvil con velamen auxiliar
Beiboot (n) tender 5 canot (m) auxiliaire remorqué, tender (m)	 a	тузикъ (m) canotto (m) ausiliare, tender (m) bote (m) auxiliar remolcado, scafa (f), bote-avis (m)
Gebrauchsboot (n) service boat 6 bateau (m) *ou* canot (m) de service		лодка (f) для хозяйственныхъ надобностей canotto (m) di servizio barco (m) *ó* bote (m) de servicio
Verkehrsboot (n) passenger boat 7 embarcation (f) à voyageurs		лодка (f) для пассажирскаго движенія battello (m) da traffico embarcación (f) para viajeros
Fährboot (n) ferry 8 bac (m), canot (m) de passage		перевозочная лодка (f) battello (m) *o* canotto (m) da traghetto bote-transbordador (m), barco (m) de pasage
Übungsboot (n), Trainingsboot (n), Trainierboot (n) 9 practice boat bateau (m) d'entraînement		лодка (f) для тренировки battello (m) *o* canotto (m) da allenamento bote (m) de entrenamiento

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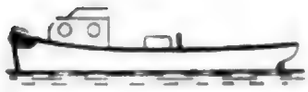
Hafenbarkasse (f) harbour launch *or* tender chaland (m), barcasse (f) de port, chaloupe (f)		портовый баркасъ (m) barcaccia (f) *o* lancia (f) di porto barcaza (f), lancha (f) *1*
Motorbarkasse (f) motor launch *or* tender chaland (m) automobile		моторный баркасъ (m) barcaccia (f) a motore barcaza (f) automóvil *2*
Motorschlepper (m) motor tug remorqueur (m) automobile		буксирное моторное судно (n) rimorchiatore (m) automobile remolcador (m) automóvil *3*
Motorfischerboot (n), Motorfischerfahrzeug (n) motor [fishing] smack bateau (m) de pêche automobile		рыбачья моторная лодка (f) battello (m) *o* barco (m) da pesca a motore barca (f) automóvil de pesca *4*
Dienstboot (n) harbourmaster's launch canot (m) de service		служебная лодка (f) battello (m) d'ufficio bote (m) de servicio *5*
Bereisungsboot (n), Inspektionsboot (n) inspector's launch embarcation (f) *ou* canot (m) d'inspecteur, canot (m) du maître de port		инспекторская лодка(f) battello (m) per le visite d'ispezione e di controllo embarcación (f) *ó* bote (m) de inspección, bote (m) del capitán del puerto *6*
Zollbarkasse (f) custom launch canot (m) de la douane		таможенный баркасъ (m) barcaccia (f) della dogana lancha (f) de la aduana *7*
Motorrettungsboot (n) motor life boat canot (m) de sauvetage automobile		моторная спасательная лодка (f) battello (m) automobile di salvataggio bote (m) de salvamento automóvil, bote (m) salvavidas automóvil *8*
Motorlastboot (n) motor cargo boat gabarre (f) *ou* cargoboat (m) à moteur		моторная грузовая лодка (f) battello (m) merci a motore gabarra (f) automóvil *9*
Motortorpedoboot (n) motor torpedo boat torpilleur (m) automobile		моторный миноносецъ (m); моторная миноноска (f) torpediniera (f) automobile torpedero (m) automóvil *10*

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1	Schiffswiderstand (m), [Wasserwiderstand (m)] resistance of boat, resistance to propulsion résistance (f) du bateau à la propulsion		сопротивленіе (n) судна [движенію] resistenza (f) del canotto *o* dell'imbarcazione alla propulsione resistencia (f) del barco á la propulsión
2	Gesamtwiderstand (m) total resistance résistance (f) totale		общее сопротивленіе (n) resistenza (f) totale *o* complessiva resistencia (f) total
3	Reibungswiderstand (m) skin *or* frictional resistance résistance (f) de frottement, frottement (m)		сопротивленіе (n) отъ тренія resistenza (f) d'attrito rozamiento (m), resistencia (f) de frotamiento
4	[wasser]benetzte [Boot-]Oberfläche (f) wetted surface surface (f) baignée par l'eau		смоченная поверхность (f) superficie (f) bagnata dall'acqua, superficie (f) immersa superficie (f) bañada por el agua
5	Formwiderstand (m) [stream] line resistance of the hull résistance (f) de carène		сопротивленіе (n) отъ формы resistenza (f) di dislocamento resistencia (f) de carena
6	Wellen und Wirbel bildender Widerstand (m) wash *or* wave making resistance résistance (f) due aux vagues *ou* à l'agitation de l'eau		волновое и водоворотное сопротивленіе (n) resistenza (f) per formazione di onde e gorghi resistencia (f) debida á las ondas
7	Luftwiderstand (m) air resistance résistance (f) de l'air		воздушное сопротивленіе (n) resistenza (f) aerea resistencia (f) del aire
8	Bugwelle (f) bow wave lame (f) de proue *ou* d'avant	 a	носовая волна (f) onda (f) di prua *o* di prora ola (f) de proa
9	Heckwelle (f) stern wave lame (f) de sillage *ou* de poupe *ou* d'arrière	b	кормовая волна (f) onda (f) di poppa ola (f) de popa
10	Wellenberg (m) wave crest crête (f) de la lame	a b	вершина (f) волны cresta (f) dell'ondata, cavallone (m) cresta (f) de la ola
11	Wellental (n) wave hollow, trough of the wave creux (f) de la lame	c	подошва (f) волны; долина (f) волны depressione (f) tra due cavalloni cavidad (f) de la ola

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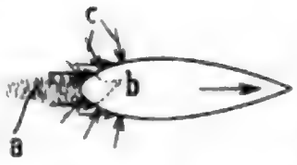
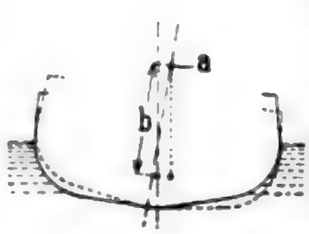
Wirbel (m) eddy remous (m)		водоворотъ (m) gorgo (m) remolinos (m pl)	1
Kielwasser (n) dead water sillage (m), houache (m)	 a	кильватеръ (m) scia (f), solco (m) estela (f)	2
Vorstrom (m) wake sillage (m) d'avant *ou* de proue	b	попутный потокъ (m) corrente (f) di spinta sulla poppa estela (f) de proa	3
Sog (m) eddy, suction vortex remous (m pl) d'arrière	c	присасываніе (n) воды кормою risucchio (m), movimento (m) roteante dell'acqua a poppa remolinos (m pl) de atrás	4
Stabilität (f) stability stabilité (f)		остойчивость (f) stabilità (f) estabilidad (f)	5
stabil (adj) stable (adj) stable (adj)		остойчивый stabile (agg) estable (adj)	6
Trägheitsmoment (n) der Wasserlinie moment of inertia of the plane of flotation, momentum of inertia at water line moment (m) d'inertie de la surface de flottaison *ou* de la flottaison		моментъ (m) инерціи грузовой ватерлиніи momento (m) d'inerzia del piano di galleggiamento momento (m) de inercia de la superficie de flotación	7
unstabil (adj) unstable (adj) instable (adj)		неостойчивый instabile (agg) inestable (adj)	8
rank (adj) crank, tender faible (adj) de côté		валкій di fianco debole, debole (agg) di fianco, (nave mal equilibrata) celoso (adj), falso (adj)	9
Metazentrum (n) metacentre métacentre (m)	 a	метацентръ (m) metacentro (m) metacentro (m)	10
metazentrische Höhe (f) height of metacentre, metacentric height hauteur (f) du métacentre, cote (f)	b	метацентрическая высота (f) altezza (f) metacentrica altura (f) del metacentro	11

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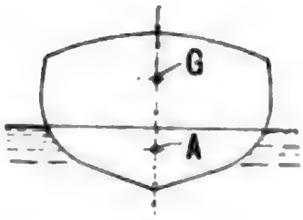
1 Auftriebschwerpunkt (m), Deplacementsschwerpunkt (m), Verdrängungsschwerpunkt (m)
centre of buoyancy *or* displacement
centre (m) de carène *ou* de volume



A

центръ (m) величины
centro (m) di dislocamento
centro (m) del casco

---

2 Systemschwerpunkt(m), Gewichtschwerpunkt (m)
centre of gravity
centre (m) de gravité du système

G

центръ (m) тяжести [судна]
centro (m) di gravità del peso
centro (m) de gravedad del sistema

---

3 Stabilitätsmoment (n)
moment of stability, couple ensuring stability
moment (m) de stabilité

возстанавливающій моментъ (m)
momento (m) di stabilità
momento (m) de estabilidad

---

4 statische Stabilität (f)
static stability
stabilité (f) statique

статическая остойчивость (f)
stabilità (f) statica
estabilidad (f) estática

---

5 dynamische Stabilität (f)
dynamic stability
stabilité (f) dynamique

динамическая остойчивость (f)
stabilità (f) dinamica
estabilidad (f) dinámica

---

6 Anfangstabilität (f)
initial surface stability
stabilité (f) initiale

начальная остойчивость (f)
stabilità (f) iniziale
estabilidad (f) inicial

---

7 Endstabilität (f)
ultimate stability
stabilité (f) finale

конечная остойчивость (f)
stabilità (f) finale
estabilidad (f) final

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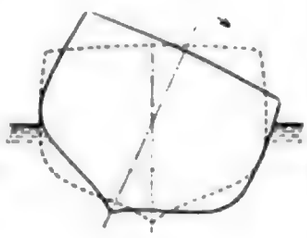
8 Krengung (f)
heeling, careen
inclinaison (f), action (f) de donner de la bande



кренъ (m); накрененіе (n)
sbandamento (m), dare (v) da banda, inclinarsi (v), sbandare (v)
inclinación (f), tambaleo (m)

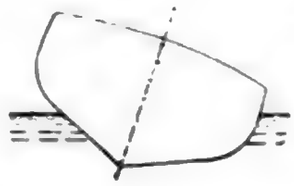
---

9 krengen (v), sich neigen (v), überliegen (v)
to heel over
s'incliner (v), donner (v) de la bande

крениться
inclinarsi (v), dare (v) da banda, sbandare (v)
tambalearse (v), inclinar (v) una banda, dar (v) la banda

---

10 Schlagseite haben (v)
to have a list
avoir (v) de la bande



имѣть кренъ (m)
sbandarsi (v), ingavonarsi (v)
bandearse (v)

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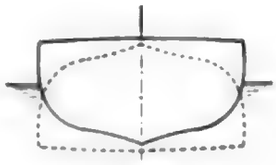
11 kentern (v)
to capsize
chavirer (v)



опрокинуться
capovolgersi (v), capeggiare (v), far (v) cuffia
zozobrar (v)

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unkenterbar (adj)
non-capsizable (adj)
inchavirable (adj)

неопрокидывающійся
incapovolgibile (agg), incapeggiabile (agg)
..que no puede zozobrar
1

Trimm (m), Trimmlage (f)
trim
assiette (f) (par suite de l'arrimage)

дифферентъ (m)
assetto (m), equilibrio (m) rispetto alla pescagione
estabilidad (f) producida por una buena estivación
2

Trimmlage (f) in Fahrt
running trim
stabilité (f) de marche, équilibre (m) *ou* assiette (f) en marche

дифферентъ (m) на ходу
assetto (m) in marcia
equilibrio (m) en marcha
3

Trimmänderung (f)
alteration of trim, change in the trim
déplacement (m) des charges, changement (m) de l'arrimage, changement (m) d'équilibre

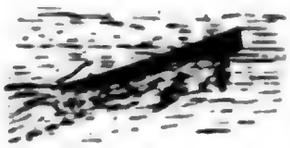
измѣненіе (n) дифферента
cambiamento (m) dell'assetto
cambio (m) de estivación, desplazamiento (m) de las cargas
4

---

das Boot trimmen (v), hintrimmen (v), den Trimm ändern (v)
to trim the boat
arrimer (v), donner (v) l'assiette au bateau

удифферентировать лодку
stivare (v), dare (v) l'assetto al canotto, equilibrare (v) lo scafo
estivar (f)
5

Austauchen (n) des Vorschiffs
lifting at the bow
hauteur (f) d'émersion de la proue, déjaugeage (m) du bateau



носъ (m) подымается изъ воды
emersione (f) a prua del canotto
altura (f) de emersión de la proa
6

---

vertrimmt (adj)
trimmed (adj)
désarrimé (adj)

съ измѣнённымъ дифферентомъ
squilibrato (agg)
desarrumado (adj)
7

---

steuerlastiges Boot (n), achterlastiges Boot (n)
boat too much by the stern, boat down by the stern
bateau (m) qui a de l'assiette (sur l'arrière *ou* sur cul)

лодка (f) съ дифферентомъ на корму
canotto (m) appoppato, canotto (m) carico in poppa
barco (m) que lleva la estiva detrás, barco (m) sentado de popa
8

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kopflastiges Boot (n)
boat down by the head
bateau (m) qui a de l'assiette sur l'avant *ou* sur nez

лодка (f) съ дифферентомъ на носъ
canotto (m) carico in prua, battello (m) che si abbassa a prua
barco (m) que lleva la estiva delante, barco (m) demasiado cargado de la proa
9

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1	Hauptabmessungen (f pl) des Bootes principal dimensions of the boat dimensions (f pl) principales du bateau		главные размѣры (m pl) лодки dimensioni (f pl) principali del battello *o* del canotto *o* dello scafo dimensiones (f pl) principales del barco
2	Länge (f) zwischen den Perpendikeln length between perpendiculars longueur (f) entre perpendiculaires		длина (f) между перпендикулярами lunghezza (f) fra le perpendicolari eslora (f), longitud (f) entre perpendiculares
3	Länge (f) in der Wasserlinie length at the water line longueur (f) à la ligne de flottaison		длина (f) по ватерлиниі lunghezza (f) della nave sulla linea d'immersione longitud (f) en la línea de flotación
4	Länge (f) über alles length over all longueur (f) extrême	L_{max}	наибольшая длина (f) lunghezza (f) tra le perpendicolari estreme, lunghezza (f) estrema longitud (f) total
5	größte Breite (f) maximum breadth *or* beam la plus grande largeur, largeur (f) [au maitre-bau]	B_{max}	наибольшая ширина (f) larghezza (f) massima manga (f), anchura (f) máxima [en el baomaestro]
6	Tiefgang (m) draught, draft (A) tirant (m) d'eau	 a	осадка (f); углубленіе (n) pescaggio (m), pescagione (f), immersione (f) calado (m)
7	geringer Tiefgang (m) shallow draught *or* draft (A) faible tirant (m)		мелкая осадка (f) [мелкосидящая лодка (f)] pescaggio (m) piccolo, pescagione (f) piccola pequeño calado (m)
8	großer Tiefgang (m) deep draught *or* draft (A) fort tirant (m)		глубокая осадка (f) [глубокосидящая лодка (f)] pescaggio (m) grande, pescagione (f) grande gran calado (m)
9	Konstruktionstiefgang (m) draught *or* draft (A) designed t rant (m) prévu		проектированная осадка (f) pescaggio (m) calcolato, pescagione (f) prevista calado (m) previsto

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Eintauchtiefe (f), Tauchtiefe (f), Tiefgang (m) im Seewasser (im Süßwasser) immersion in seawater (in freshwater) profondeur (f) d'immersion *ou* tirant (m) en [eau de] mer (en eau douce)	углубленіе (n) въ морской водѣ (въ прѣсной водѣ) immersione (f) *o* pescaggio (m) in acqua di mare (in acqua dolce) calado (m) en agua del mar (en agua de río)	*1*
Seitenhöhe (f) moulded depth creux (m) sur quille	глубина (f) интрюма puntale (m) sagomato puntal (m) de construcción	*2*
Wasserverdrängung (f), Deplacement (n) displacement déplacement (m)	водоизмѣщеніе (n) dislocamento (m) desplazamiento (m)	*3*
Auftrieb (m) buoyancy flottabilité (f), poussée (f)	плавучесть (f) spinta (f) di galleggiamento flotabilidad (f)	*4*
Tonnengehalt (m), tonnage tonnage (m)	тоннажъ (m) tonnellaggio (m), portata (f) tonelaje (m)	*5*
Boot[eigen]gewicht (n) dead weight poids (m) propre du bateau	вѣсъ (m) [корпуса] лодки peso (m) proprio della nave *o* dello scafo *o* del canotto peso (m) propio del barco	*6*
Reservedeplacement(n), Reserveauftrieb (m) reserve buoyancy flottabilité (f) de réserve	запасная плавучесть (f) riserva (f) di spinta di galleggiamento, galleggiamento (m) di riserva desplazamiento (m) de reserva, flotabilidad (f) de reserva	*7*
Tragkraft (f), Tragfähigkeit (f), Ladefähigkeit (f) burthen, carrying capacity port (m) (du bateau)	грузоподъёмная способность (f); грузовмѣстимость (f) portata (f) del canotto porte (m) del barco	*8*
Nutzlast (f) useful capacity port (m) (utile), charge (f) utile	полезный грузъ (m) portata (f) *o* carico (m) utile [netto] porte (m) útil	*9*
Linienriß (m) lines tracé (m) des lignes, plan (m) des formes	теоретическій чертёжъ (m) tracciato (m) delle linee trazado (m) *ó* plano (m) de las formas *ó* líneas	*10*

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Spantenriß (m)
body plan
1 tracé (m) *ou* plan (m) des couples *ou* membrures

корпусъ (m) [обводы шпангоутовъ]
tracciato (m) delle coste e degli staminali, piano (m) della nave
trazado (m) *ó* plano (m) de las cuadernas *ó* armaduras

Schnürboden (m)
2 mould loft
garniture (f)

плазъ (m)
stanza (f) dell'attrezzista
sala (f) especial de guarnimiento

Hauptspant (n)
3 main frame, midship section
maître-couple (m)

мидель-шпангоутъ (m); миделевое сѣченіе (n)
ordinata (f) maestra, piano (m) maestro, sezione (f) della costa e staminale maestro
cuaderna (f) maestra

Vorschiffspant (n), Spant (n) im Vorderschiff
4 bow *or* forward rib *or* frame
couple (m) de proue

носовые шпангоуты (m pl)
sezione (f) prodiera, coste (f pl) di estremità di prua, ordinata (f) di prua
cuaderna (f) de proa

Hinterschiffspant (n), Spant (n) im Hinterschiff
5 stern *or* after rib *or* frame
couple (m) de l'arrière

кормовые шпангоуты (m pl)
sezione (f) *o* coste (f pl) della parte poppiera
cuaderna (f) de popa

Kimm (f)
6 bilge
bouchain (m)

скула (f)
parte (f) curva della carena, centina (f) del fondo
pantoque (m)

a

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eckige Kimm (f)
7 sharp bilge
bouchain (m) pointu

угловатая скула (f)
parte (f) angolare della carena
pantoque (m) apuntado

---

runde Kimm (f)
8 well rounded bilge
bouchain (m) arrondi

круглая скула (f)
parte (f) rotonda della carena
pantoque (m) redondeado

Aufkimmung (f)
rise of floor
9 acculement (m) d'un bouchain

закругленіе (n) въ скулѣ; подъёмъ (m) флора
fasciame (m) della centina, curva (f) di madiere
saliente (m) *ó* peralto (m) del pantoque

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starke Aufkimmung (f)
sharp rise of floor
acculement (m) considérable d'un bouchain

крутое закругленіе (n) въ скулѣ; большой подъёмъ (m) флора
forte fasciame (m) della curvatura
pantoque (m) considerable

1

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flachbodig (adj)
flatbottomed (adj)
à fond plat

плоскодонный
a carena piatta, di fondo piatto
de fondo plano ó de batea

2

Sackspant (n), U-Spant (n)
U-shaped frame *or* rib
couple (m) en U

мѣшкообразный шпангоутъ (m); U-образный шпангоутъ
sezione (f) di costa *od* ordinata (f) ad U
cuaderna (f) en U

3

V-Spant
V-shaped frame *or* rib
couple (m) en V

острый шпангоутъ (m); V-образный шпангоутъ
costa (f) *od* ordinata (f) in forma di V
cuaderna (f) en V

4

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hohles Spant (n)
hollow frame *or* rib
couple (m) creux

впалый шпангоутъ (m)
costa (f) staminale cava
cuaderna (f) hueca

5

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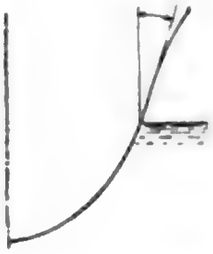
ausfallendes Spant (n)
sloping outward *or* flaring frame *or* rib
couple (m) très ouvert *ou* surplombant



развалистый шпангоутъ (m)
costa (f) a strapiombo
cuaderna (f) muy abierta ó saliente

6

Wasserlinienriß (m)
plan at water line, half breadth plan
tracé (m) *ou* plan (m) de la flottaison

полуширота (f) [чертёжъ (m) ватеръ-линій]
tracciato (m) alla linea d'acqua
trazado (m) de la flotación

7

Wasserlinie (f)
water line
ligne (f) de flottaison, ligne (f) d'eau

ватеръ-линія (f); ватерлинія (f)
linea (f) di galleggiamento, linea (f) d'acqua, linea (f) d'immersione
linea (f) de flotación

8

Ladewasserlinie (f)
load water line
ligne (f) de flottaison en charge

дѣйствующая ватеръ-линія (f)
linea (f) di galleggiamento della nave carica
linea (f) de flotación en carga

9

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1 Konstruktionswasserlinie (f), C. W. L. (f)
[designed] water line
ligne (f) de flottaison prévue [par le constructeur]

грузовая ватеръ-линія (f)
linea (f) d'acqua *o* d'immersione calcolata
línea (f) de flotación prevista [por el constructor]

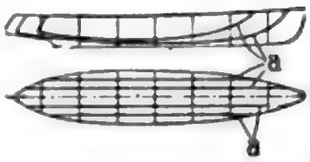
2 Schwimmebene (f)
water plane, plane of flotation
plan (m) de flottaison, surface (f) de l'eau

плоскость (f) плаванія
piano (m) di galleggiamento, superficie (f) dell'acqua
plano (m) de flotación, superficie (f) bañada por el agua

3 Seitenansicht (f), Aufriß (m)
sheer plan, side elevation
élévation (f) du bord *ou* du côté

бокъ (m)
veduta (f) prospettica di fianco, alzata (f)
elevación (f) de la borda

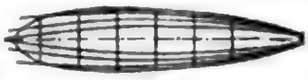
4 Schnitte (m pl)
sections, bow and buttock lines
coupes (f pl)



a

сѣченія (n pl); батоксы (m pl)
sezioni (f pl), spaccati (m pl)
cortes (m pl)

5 Sente (f)
plan of the diagonals
projection (f) sur un plan transversal des lisses



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рыбина (f)
proiezione (f) diagonale delle forme maestre sul piano trasversale
proyección (f) de los cairelessobre un plano transversal

6 Modellschleppversuch (m)
model tank experiment (to determine the lines)
essai (m) de remorquage du modèle

испытаніе (n) съ моделью въ бассейнѣ
esperimento (m) di rimorchio con un modello
ensayo (m) de remolque del modelo

7 Rumpfform (f)
shape of hull
forme (f) de la coque

образованіе (n) корпуса
forma (f) dello scafo *o* della carcassa
forma (f) del casco

8 feine *oder* scharfe Linien (f pl)
fine lines
lignes (f pl) fines *ou* nettes

острые обводы (m pl)
linee (f pl) fini *o* nette
líneas (f pl) finas *ó* limpias

9 Feinheit (f) *oder* Schlankheit (f) der Form *oder* der Linien
fineness *or* leanness of shape *or* lines
finesse (f) *ou* élégance (f) des lignes

острота (f) обводовъ
finezza (f) della forma *o* delle linee
finura (f) *ó* elegancia (f) de las líneas

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Feinheit (f) *oder* Schärfe (f) des Vorschiffs fineness *or* sharpness of the bow *or* bow lines finesse (f) de la proue	острота (f) носовой части finezza (f) della prua finura (f) de la proa	1
Feinheit (f) *oder* Schärfe (f) des Hinterschiffs fineness of the stern finesse (f) de la poupe	острота (f) кормовой части finezza (f) della poppa finura (f) de la popa	2
Feinheit (f) der Schiffsenden fineness fore and aft finesse (f) des extrémités du bateau	острота (f) оконечностей судна finezza (f) delle estremità della nave *o* dello scafo finura (f) de los extremos del barco	3
zuschärfen (v), scharf machen (v) to fine away, to fine out rendre (v) fin *ou* élancé	заострить rendere (v) più fino *o* più slanciato hacerlo (v) fino *ó* delgado	4
vorn stark zugeschärft with lean bow, fined away sharply forward *or* at the bow très élancé à la proue	сильно заострено спереди molto slanciato a prua, a prua sottile muy delgado de proa, de proa chupado	5
Zuschärfung (f) fining away élancement (m) excessif des formes	заостреніе (n) affinamento (m) finura (f) excesiva de las formas	6
volles Boot (n) full shaped boat, bluff boat bateau (m) renflé	лодка (f) съ полнымъ образованіемъ линій nave (f) gonfia *o* larga barco (m) de forma hinchada	7
voller machen (v) to fill out renfler (v)	сдѣлать обводы полнѣе render (v) più gonfio dar (v) una forma hinchada	8
Völligkeit (f) fineness, fullness renflement (m)	полнота (f) обводовъ pienezza (f) di forme proa (f) llena *ó* redondeada	9
Völligkeitszahl (f) coefficient of form *or* fineness coefficient (m) *ou* rapport (m) de renflement *ou* de finesse	коеффиціентъ (m) полноты coefficiente (m) di forma *o* di finezza coeficiente (m) de hinchazón	10
Tetraederform (f), Doppelkeilform (f) double wedge shape forme (f) en tétraèdre, forme (f) torpilleur	тетраэдическая форма (f) forma (f) di tetraedro, forma (f) di torpediniera forma (f) de tetraedro, forma (f) de torpedero	11

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1 Totholz (n)
dead wood
massif (m)

a

дейдвудъ (m)
riempitore (m) di prua, legno (m) di riempimento
macizo (m)

---

2 löffelkeilförmiges Boot (n)
spoon *or* skimming dish boat
bateau (m) en forme de cuiller

ложкообразно-тетраэдическая форма (f)
scafo (m) *o* canotto (m) in forma di cucchiaio
barco (m) en forma de cuchara

---

3 Plätteisenform (f)
flat iron shape
forme (f) de fer plat

форма (f) утюга
scafo (m) *o* canotto (m) in forma di ferro da stirare
forma (f) de hierro plano

---

4 Gleitboot (n), Hydroplan (m)
glider, hydroplane
hydroplane (m), bateau (m) planeur

скользящая лодка (f); гидропланъ (m)
idroplano (m)
hidroplano (m)

---

5 Stufenboot (n)
saw formed boat
canot (m) en forme de gradins

ярусная лодка (f)
scafo (m) *o* canotto (m) a rientranti *od* a gradini
bote (m) en forma de gradas

---

6 Unterwasserboot (n)
submerged part of hull, under water body
œuvres (f pl) vives

подводная часть (f)
carena (f), parte (f) ordinariamente sommersa, fondo (m) d'una nave
obra (f) viva, parte (f) sumergida

---

7 Überwasserform (f)
shape above water, lines above water
œuvres (fpl) mortes

надводная форма (f)
forma (f) emergente, parte (f) fuori d'acqua
obra (f) muerta

---

8 Unterwasserform (f)
shape of submerged part of hull
forme (f) des œuvres vives

подводная форма (f)
forma (f) dello scafo subacqueo
forma (f) de las obras vivas

---

9 zwischen Wind und Wasser
boot topping
boot-topping (entre la ligne de flottaison et celle de charge)

часть (f) наружной обшивки между ватерлиніей и грузовой ватерлиніей
bagnasciuga, boot-topping
boot-topping (entre la linea de agua y la de carga)

---

10 Gegenwind (m), Wind (m) von vorn
head wind, dead wind
vent (m) debout

встрѣчный вѣтеръ (m)
vento (m) di prua
viento (m) de proa derecho

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Seitenwind (m)
side wind
vent (m) de côté

боковой вѣтеръ (m)
vento (m) di traversa
viento (m) de costado
1

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achterliche Brise (f)
stern *or* aft wind
brise (f) arrière

вѣтеръ (m) съ кормы
brezza (f) da poppa
brisa (f) de popa
2

Windstärke (f) nach Beauforts Skala
force of the wind according to Beaufort's scale
intensité (f) du vent d'après l'échelle de Beaufort

сила (f) вѣтра по Бофорту
intensità (f) del vento secondo la scala di Beaufort
intensidad (f) del viento según la escala de Beaufort
3

---

relative Windgeschwindigkeit (f), Relativgeschwindigkeit (f) des Windes
relative velocity of the wind
vitesse (f) relative du vent

относительная скорость (f) вѣтра
velocità (f) relativa del vento
velocidad (f) relativa del viento
4

Lateralplan (m)
sheer plan
surface (f) latérale *ou* du bord

бокъ (m); продольный видъ (m)
piano (m) laterale
superficie (f) de la borda
5

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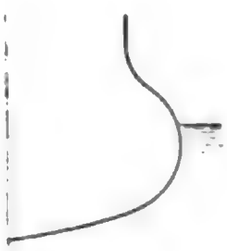
eingezogene Bordwand (f)
turnover
bord (m) rentrant



впалый бортъ (m)
banda (f) rientrante, fasciame (m) di batteria *o* di murata
borda (f) entrante
6

Freibord (m)
free board
franc-bord (m)

a

надводный бортъ (m)
bordo (m) libero (della murata tra la linea d'immersione e la coperta)
obra (f) muerta
7

Deckstrak (m) von der Seite (Aufriß)
sheer line
élévation (f) des virures

бортовая линія (f)
alzata (f) dal fianco
elevación (m) de las hiladas
8

Deckstrak (m) von oben (Grundriß)
sheer line (in plan)
plan (m) des virures

полуширина (f)
pianta (f), proiezione (f) orizzontale
plano (m) de las hiladas
9

Sprung (m), Decksprung (m)
sheer
tonture (f)

подъёмъ (m) палубы въ оконечностяхъ
cervatura (f), insellamento (m) (della curva del bastimento formata dalla coperta)
arrufo (m)
10

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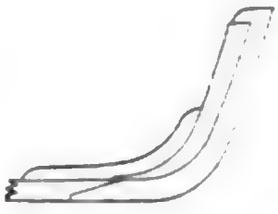
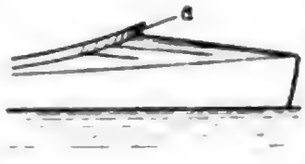
[Balken-] Bucht (f) 1 round of beam courbure (f) d'un barrot	 a	погибъ (m) въ балкѣ curvatura (f) del baglio, bolzone (m) curvatura (f) de un bao
überhängender *oder* ausfallender Steven (m) 2 racking stem étrave (f) élancée		свѣшивающійся форштевень (m) prua (f) slanciata, dritto (m) di prua, ruota (f) di prua roda (f) desplomada ó de vuelta
Klippersteven (m) 3 clipper [built] stem *or* bow étrave (f) élancée		клиперный форштевень (m) dritto (m) di prua slanciata roda (f) saliente
gerader Steven (m) 4 straight stem étrave (f) droite		прямой форштевень (m) dritto (m) di prua ad ariete roda (f) recta
Walfischdeck (n) 5 turtleback deck pont (m) en dos de baleine	 a	карапасъ (m) ponte (m) a schiena di balena puente (m) en forma de lomo de ballena
Wellenbrecher (m) 6 breakwater brise-lames (m)	a	волноотводъ (m) rompionde (m) rompe-olas (m)
Steuerbordseite (f) 7 starboard side tribord (m)	 a	правый бортъ (m) tribordo (m), fianco (m) destro estribor (m)
Backbordseite (f) 8 port side babord (m)	b	лѣвый бортъ (m) babordo (m), fianco (m) sinistro babor (m)
auf Steuerbord 9 to starboard à tribord		на правомъ борту a tribordo á estribor
auf Backbord 10 to port à babord		на лѣвомъ борту a babordo á babor
mittschiffs 11 amid ships au milieu du bateau		по серединѣ судна al mezzo della nave, nel centro dello scafo en el centro del barco
achtern 12 aft à l'arrière		на кормѣ a poppa detrás
achteraus 13 astern à l'arrière, en poupe		съ кормы dalla poppa á popa

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querab, seitwärts abeam par le travers	въ сторону a traverso, alla deriva por el través	1
innenbords inboard dans le bateau	внутри борта a bordo, entro bordo en el barco	2
außenbords outboard hors de bord, hors du bateau	снаружи борта oltre bordo, fuori di bordo fuera del barco	3
Bord an Bord alongside à bord	бортъ къ борту a bordo a bordo á bordo	4
Vorschiff (n), Bootsvorderteil (n) forecastle avant (m), proue (f)	носовая часть (f) лодки parte (f) anteriore della nave, prora (f), prua (f), il davanti della nave proa (f)	5
Bug (m) bow étrave (f), bec (m)	носъ (m) dritto (m) di prua roda (f)	6
Heck (n), Stern (m) stern arrière (m), tableau (m)	корма (f) [quadro (m) di] poppa (f) espejo (m) de popa	7
flaches Heck (n), Spiegelheck (n) flat *or* torpedo boat stern arrière (m) plat	плоская корма (f) poppa (f) piatta espejo (m) de popa plana	8
Barkassenheck (n) square stern poupe (f) de barcasse	корма (f), какъ у баркасовъ poppa (f) di barcaccia popa (f) de barcaza	9
löffelförmiges Heck (n), Torpedoheck (n) long counter stern poupe (f) en cuiller	ложкообразная корма (f) poppa (f) a cucchiaio, poppa (f) da torpediniera popa (f) en forma de cuchara	10
Biberschwanzheck (n) turtle backed stern arrière (m) en queue de castor	корма (f) въ видѣ боброваго хвоста coperta (f) a dorso di tartaruga popa (f) en forma de lomo de castor	11

a

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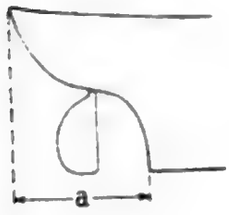

a

1 Überhang (m)
overhang
saillie (f), surplomb (m)

свѣсъ (m)
strapiombo (m)
saliente (m)

a

2 Spiegel (m), Stern (m)
escutcheon, transom, stern
écusson (m)

транецъ (m)
quadro (m), scudo (m) di poppa
escudo (m)

Baustoffe und Bauteile

Material for Construction and supplies

Matériaux de construction et parties du bateau

Строительные матеріалы и частилодки

Materiale da costruzione e parti costruttive

Materiales de construcción y partes del buque

4 Holzboot (m)
wooden boat
bateau (m) en bois

деревянная лодка (f)
battello (m) di legno
barco (m) de madera

5 hölzern (adj)
wooden (adj)
en bois

деревянный
di legno, ligneo (agg)
de madera

6 Eichenholz (n)
oak
[bois (m) de] chêne (m)

дубъ (m); дубовое дерево (n)
legno (m) di quercia
madera (f) de roble

7 Fichtenholz (n)
spruce, pine
[bois (m) de] pin (m)

ель (f); еловое дерево (n)
legno (m) di pino
madera (f) de pino

8 amerikanisches Föhrenholz (n), Pitchpineholz (n)
pitch pine
[bois (m) de] pitchpin (m), [bois (m) de] pin (m) d'Amérique

американская бѣлая сосна (f); пичь-пайнъ (m)
[legno (m) di] pino (m) americano, pitchpine (m)
madera (f) de pino americano

9 Yellowpine (n)
yellow pine
pin (m) jaune

орегонская сосна (f) [жёлтая]
pino (m) giallo
pino (m) amarillo

10 Spruce (n)
spruce
pin (m) de Norvège

чёрная сосна (f)
pino (m) nero
pino (m) de Noruega

11 Mahagoni (n)
mahogany
acajou (m)

красное дерево (n)
mogano (m)
caoba (f)

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Zedernholz (n) cedar [bois (m) de] cèdre (m)	кедровое деревое (n) legno (m) di cedro madera (f) de cedro	1
Lärche (f) larch [bois (m) de] mélèze (m)	лиственница (f) legno (m) di larice madera (f) de alerce	2
[natur]gewachsenes Eichenkrummholz (n) grown oak crook [bois (m) de] chêne (m) cintré naturel	дубовыя кокоры (f pl) legno (m) di quercia curvo naturale madera (f) de roble curvada naturalmente	3
Ulmenholz (n) elm [bois (m) d'] orme (m)	берестъ (m); карагачъ (m) legno (m) d'olmo madera (f) de olmo	4
Felsenulme (f) rock elm orme (m) de montagne	ильмъ (m) olmo (m) di roccia olmo (m) de montañas	5
Zypressenholz (n) cypress [bois (m) de] cyprès (m)	кипарисъ (m) [legno (m) di] cipresso (m) madera (f) de ciprés	6
Teakholz (n) teak bois (m) de teck	тикъ (m); тиковое дерево (n) legno (m) tek, tectona grandis madera (f) de teca	7
Pockholz (n) lignum vitae, pockwood (A) bois (m) de gaïac	бакаутъ (m); бакаутовое дерево (n) legno (m) santo madera (f) da guayaco	8
Bootkonstruktion (f), Bauart (f) des Bootes construction of the boat [mode (m) de] construction (f) du bateau	конструкція (f) лодки modo (m) di costruzione del battello sistema (m) de construcción del barco	9
Bootrumpf (m) hull *or* shell of the boat coque (f) de bateau	корпусъ (m) лодки scafo (m) dell'imbarcazione casco (m) del barco	10
Boot[körper]verbände (m pl) structures pièces (f pl) de liaison *ou* liaisons (f pl) de la coque	связи (f pl) корпуса pezzi (m pl) di collegamento dello scafo piezas (f pl) de enlace del casco	11
Bauteile (m pl) structural members (pl) pièces (f pl) de construction, parties (f pl) de la construction	части (f pl) корпуса; наборъ (m) pezzi (m pl) di costruzione piezas (f pl) *ó* partes (f pl) de la construcción	12
Materialstärke (f) scantling échantillon (m)	размѣры (m pl) частей dimensione (f) dei legni componenti la nave escantillón (m)	13

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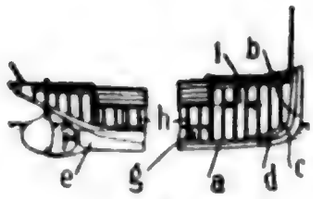

a

1	Kiel (m) keel quille (f)		киль (m) chiglia (f), colomba (f) quilla (f)
2	Lasche (f), Lasch (m) scarf, scarph écart (m)		стыкъ (m) parella (f), parellatura (f), unione (f) di due pezzi di legname, immorsatura (f) escarpe (m), ajuste (m), empalme (m)
3	Laschung (f) scarf assemblage (m)		стыкованіе (n) imparellatura (f), collegamento (m) di due parti di legno del battello unión (f)
4	zusammendübeln (v) to peg *or* dowel together cheviller (v), assembler (v) par des chevilles		соединить нагелями calettatura (f) a parella ensamblar (v) por clavijas
5	Steven (m) stem étrave (f)	b	штевень (m) ruota (f) di prua roda (f)
6	Vor[der]steven (m) stem, cutwater étrave (f)	b	форштевень (m) asta (f) *o* ruota (f) *o* dritto (m) di prua roda (f)
7	Binnenvordersteven (m) apron contre étrave (f)	c	фальстемъ (m); задній рядъ (m) деревянныхъ, составляющихъ форштевенъ controruota (f) interna di prua contra-roda (f), contra-branque (m)
8	Stevenlasche (f) stem scarf écart (m) d'étrave	d	стыкъ (m) штевня parella (f) del dritto *o* della ruota di prua escantillón (m) de la roda
9	Hintersteven (m) stern frame, stern post étambot (m)	e	ахтерштевень (m) ruota (f) di poppa codaste (m)
10	Stevenbeschlag (m), Stevenschwalbe (f) dovetail plate armature (f) latérale de l'étrave		оковка (f) штевня piastra (f) circolare della chiglia armadura (f) de la roda
11	Bodenwrange (f), Bodenstück (n) floorboard varangue (f)	g	флоръ (m) ganascia (f) di fondo, madiere (m) varenga (f)

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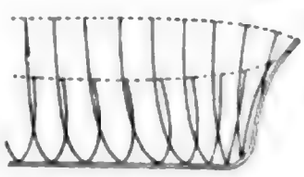
Spant (n) frame (steel ship), timber (wooden ship *or* boat) couple (m), membre (m)	h	шпангоутъ (m) corba (f), costola (f), ordinata (f) cuaderna (f), miembro (m)	1
Gegenspant (n) reverse frame contre-couple (m), contre-membrure (f), cornière (f) renversée		обратный шпангоутъ (m) controcorba (f), contro-ordinata (f) contra-cuaderna (f), cuaderna (f) revirada de hierro de ángulo	2
in Dampf gebogenes Spant (n), eingebogenes Spant (n) steam bent timber couple (m) cintré à la vapeur		шпангоутъ (m), гнутый при помощи распариванія ordinata (f) *o* corba (f) piegata a vapore cuaderna (f) curvada á vapor	3
festes Spant (n), gewachsenes Spant (n) fixed *or* built-in timber couple (m) fixé		неподвижный шпангоутъ (m) ordinata (f) *o* corba (f) *o* costa (f) fissa nell'ossatura della nave cuaderna (f) fijada	4
Spantabstand (m), Spantenentfernung (f), Spantdistanz (f) frame *or* timber spacing écartement (m) des couples	i	разстояніе (n) между шпангоутами scartamento (m) delle ordinate clavo (m) de las cuadernas, intervalo (m) de cuadernas	5
die Spantentfernung beträgt x mm the frames are spaced x inches apart l'écartement des couples est de x mm		разстояніе (n) между шпангоутами-x mm lo scartamento delle ordinate è di x mm la separación de las cuadernas es de x milímetros	6
Spant[en]werk (n) framework, framing, timbers membrure (f), ensemble (m) des couples		наборъ (m) ossatura (f) d'una nave conjunto (m) de los miembros	7
Kielschwein (n) keelson, carlin carlingue (f)	 a	кильсонъ (m) paramezzale (m) sobre-quilla (f)	8
Seitenstringer (m) side stringer serre (f) de renfort de côté		боковой стрингеръ (m) corrente (m) laterale vagra (f) lateral de refuerzo	9
Seitenkielschwein (n) side keelson, sister keelson carlingue (f) latérale		боковой кильсонъ (m) paramezzale (m) laterale sobre-quilla (f) lateral	10

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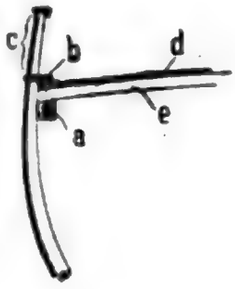
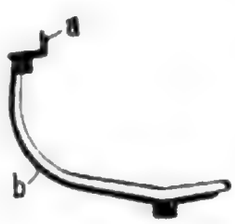
1	Wegerung (f) ceiling vaigrage (m), vaigres (f pl)	b	внутренняя обшивка(f) dormienti (m pl), fasciamento (m) interno vagras (f pl)
2	[aus]wegern (v) to ceile, to plank, to line placer (v) le vaigrage *ou* les vaigres		обшить внутри guarnire (v) il dormiente, fasciare (v) internamente colocar (v) las vagras
3	Kimmstringer (m), Kimmweger (m) bilge stringer serre (f) de bouchain		скуловый стрингеръ (m) corrente (m) di stiva vagra (f) de pantoque
4	Deckstringer (m) deck stringer gouttière (f) de pont, gouttière (f) des barrots de pont		дековый стрингеръ (m) trincarino (m) di coperta trancanil (m) de cubierta
5	Balkweger (m) shelf, shelf piece, thwartstringer bauquière (f)	 a	привальный брусъ (m); подлегерсъ (m) спиркетинговый брусъ (m) dormiente (m) durmiente (m)
6	Schandeck (n), Schandeckel (m) planksheer, gunwale, covering board plat-bord (m)	b	ватервейсъ (m) suola (f) del cassero di prua regala (f)
7	Schanzkleid (n), Verschanzung (f) bulwark bordé (m) de pavois	c	фальшбортъ (m) bastinga (f), murata (f) tablazón (f) de la borda, amurada (f)
8	Deck (n), Eindeckung (f) deck pont (m)	d	палуба (f) ponte (m), coverta (f), coperta (f) puente (m), cubierta (f), tilla (f)
9	Decksbalken (m) deck beam barrot (m) de pont	e	бимсъ (m) baglio (m) barrote (m) de puente
10	Decksbeplankung (f) deck planking bordé (m) du pont		палубная настилка (f) copertura (f) del ponte, tavolato (m) del ponte tablazón (f) del puente
11	Setzbord (m) wash board fargues (f pl), falques (f pl)	 a	фальшбортъ (m) falca (f), battente (m) di boccaporto falcas (f pl)

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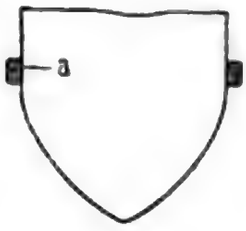
Außenhaut (f)
outer skin, outside plating, shell plating
doublage (m)

b

наружная обшивка (f)
pelle(f) esterna, fasciame (m) esterno
forro (m) 1



Scheuerleiste (f)
rubbing strake *or* strip
bourrelet (m) de défense

буртикъ (m)
cinta (f), cintura (f) di difesa
guirnalda (f) 2

a

Beplankung (f) (Holz)
planking
bordé (m)

обшивка (f) досками
fasciame (m), fasciatura (f) interna (legname)
tablazón (f) 3

Beplattung (f) (Metall)
plating
bordé (m) en tôles, tôles (m pl)

обшивка (f) желѣзными листами
fasciame (m) metallico *o* di lamiera
forro (m) de planchas de hierro 4

Seitenbeplankung (f)
side planking
revêtement (m), bordage (m), bordé (m)

бортовая обшивка (f)
tavolame (m)
tablazón (f) 5

Boden (m)
bottom
carène (f), fond (m)

днищевая обшивка (f); днище (n)
carena (f), fondo (m) del bastimento
obra (f) viva, fondos (m pl) (de embarco) 6

Bordwand (f)
board side
paroi (f) latérale

бортъ (m)
parete (f) (laterale) di bordo
pared (f) lateral 7

Planke (f)
plank
planche (f), bordage (m)

доска (f)
tavola (f) di fasciame
tablón (m) 8

Plankendicke (f)
thickness of the planking
épaisseur (f) des bordages

a

толщина (f) доски
spessore (m) delle tavole
espesor (m) de los tablones 9

Schergang (m)
sheer strake
carreau (m), première virure (f)

ширстрэкъ (m)
cinta (f) principale
cinta (f) alta 10

---

geklinkert (adj)
clinker *or* clincher built
construit (adj) à clin

обшитый кромка на кромку
ribadito (agg) a madieri scavalcati
construido (adj) de tingladillo 11

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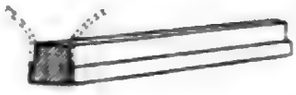
1 Klinkersystem (n)
clinker *or* clincher system
[système (m) à] clins (m pl)

обшивка (f) кромка на кромку
sistema (m) di costrutto a labbro
[sistema (m) de] tingladillos (m pl)

2 Karwelsystem (n)
carvel system
construction (f) à franc-bord *ou* à joint carré

обшивка (f) вгладь
sistema (m) caravella
construcción (f) de unión á tope

3 Kielsponung (f)
keel rabbet
râblure (f) de quille



шпунтъ (m) у киля
battura (f) della chiglia
alefriz (f)

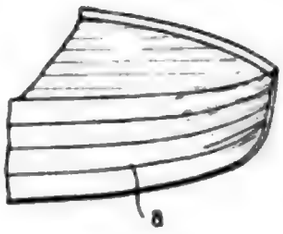
4 Karwel gebaut; nach dem Karwelsystem gebaut
carvel built, on the carvel system
construit à franc-bord *ou* á joint carré

построенный вгладь
bordato a giustaposto, costruito a labbro
construido en el sistema de unión à tope

5 stumpf aneinander stoßen (v)
to butt
poser (v) les planches à franc-bord

въ притыкъ
bordare (v) a giustaposto
colocar (v) los tablones con uniones á tope

6 Plankennaht (f)
seam
couture (f) de bordage



a

пазъ (m) [досокъ]
comento (m) *o* costura (f) fra due file di tavole
costura (f)

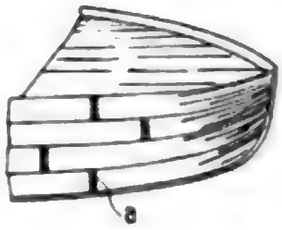
7 Plankenlasche (f)
butt strap *or* scarf of plank
écart (m) [de bordage]

стыкъ (m) въ перекрышку
collegamento (m) delle tavole di fasciame
separación (f) de los tablones

8 doppelte Beplankung (f)
double skin
double bordage (m)

двойная обшивка (f)
fasciatura (f) di tavole doppia
tablazón (f) doble

9 Plankenstoß (m)
butt in the planking
about (m) de bordages



a

стыкъ (m) [досокъ] простой
intestatura (f) delle unghie del fasciame
tope (m) de un tablón

10 Plankenlage (f)
layer of planking, skin
couche (f) de planches de bordage

слой (m) досокъ
strato (m) di tavole *o* letto (m) di fasciame
capa (f) de tablones

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die Planken der beiden Plankenlagen verschießen lassen (v) to alternate the butts of the skin (by means of tongue and groove etc.) alterner (v) les joints des deux couches de planches	разогнать по пазамъ alternare (v) le testate dei due strati di tavole di fasciame alternar (v) los tablones de las dos tablazones	1
Zwischenlage (f) aus ölgetränkter *oder* farbgetränkter Leinwand layer of oiled *or* painted canvas (between skins) couche (f) intermédiaire de toile huilée	прокладка (f) изъ пропитанной масломъ парусины strato (m) interposto di tela oliata capa (f) intermedia de tela embreada	2
diagonal beplanktes Boot (n) two skin *or* multiskin diagonally planked boat bateau (m) à bordage diagonal	діагонально обшитая лодка (f) canotto (m) a tavole di fasciame diagonali barco (m) de tablazón en diagonal	3
Diagonalbau (m) system of diagonal planking construction (f) diagonale	діагональная система (f) обшивки costruzione (f) diagonale construcción (f) diagonal	4
Karwelbau (m) carvel work construction (f) à franc-bord	обшивка (f) вгладь costruzione (f) a labbro construcción (f) de unión á tope	5
Nahtspantenbau (m) ribband carvel system construction (f) avec couples à coutures	гладкая обшивка (f) съ пазовыми рейками внутри costruzione (f) di corbe a comento construcción (f) con cuadernas á costuras	6
Nahtspant (n) ribband couple (m) à coutures	пазовая рейка (f) corba (f) di comento cuaderna (f) con costuras	7
Verbolzung (f) *oder* Vernietung (f) der Beplankung hailing *or* rivetting the planks boulonnage (m) du bordage	крѣпленіе (n) наружной обшивки посредствомъ болтовъ inchiodatura (f) del fasciame fijación (f) por pernos de los tablones	8
Kupfernagel (m), Spiker (m) copper nail clou (m) en cuivre	мѣдный гвоздь (m) chiodo (m) di rame clavo (m) de cobre	9

a

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1	Unterlagscheibe (f), Klinkerscheibe (f) rove, burr rondelle (f)	шайба (f) rondella (f), ranella (f) ovalillo (m)
2	Kupferniet (m) copper rivet rivet (m) en cuivre	мѣдная заклёпка (f) chiodo (m) ribadito di rame remache (m) de cobre
3	versenkter Kopf (m) countersunk head tête (f) noyée *ou* fraisée	потайная головка (f) testa (f) acciecata cabeza (f) perdida
4	Holzpflock (m) wooden plug tampon (m) en bois	деревянная пробка (f) tappo (m) di legno tapón (m) de madera
5	kupferfest gebaut copper fastened attaché par des rivets en cuivre, chevillé en cuivre	построенный на мѣдномъ крѣпленіи fitto *o* impernato di rame fijado por medio de remaches de cobre, encabillado en cobre
6	verzinkter Eisennagel (m) galvanized iron nail clou (m) en fer galvanisé	желѣзный оцинкованный гвоздь (m) chiodo (m) di ferro zincato clavo (m) de hierro galvanizado
7	eisenfest gebautes Boot (n) iron fastened boat bateau (m) construit avec des rivets *ou* des clous en fer	лодка (f) на желѣзномъ крѣпленіи canotto (m) di solida costruzione, canotto (m) rinforzato con ferro barco (m) construido con remaches *ó* clavos de hierro
8	die Nähte dichten (v) *oder* dicht machen (v) to tighten the seams rendre (v) les coutures étanches, boucher (v) *ou* calfater (v) les coutoures	проконопатить швы stagnare (v) *o* stringere (v) i comenti calafatear (v) las costuras
9	Hanf (m), Werg (n) hemp, tow chanvre (m)	пакля (f) canapa (f), stoppaccio (m) cáñamo (m)
10	kalfatern (v) (Holz) to caulk calfater (v)	конопатить calafatare (v) calafatear (v)
11	verstemmen (v) (Eisen) to caulk mater (v)	чеканить (желѣзо) calafatare (v), rendere (v) stagne le giunzioni calafatear (v)

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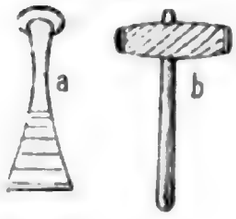

a

b

Kalfatereisen (n), Drahteisen (n) caulking iron fer (m) de calfat, ciseau (m) de calfat	конопатка (f) [инструментъ] ferro (m) *o* scalpello (m) da calafato hierro (m) *ó* cincel (m) de calafatear	*1*
Dichthammer (m) caulking mallet maillet (m) à calfater	мушкель (m) [молотъ для конопатки] mazzuola (f) da calafato mazo (m) de calafate	*2*
Marineleim (m) marine glue colle (f) de marine	морской клей (m) colla (f) [di] marina cola (f) de marinos	*3*
mit Kitt ausspachteln (v) to fill-in with putty *or* mastic, to stop mastiquer (v)	шпаклевать замазкой spalmare (v) di mastice masticar (v) las juntas	*4*
mit Ölfarbe malen (v) *oder* anstreichen (v) to paint with oil colour peindre (v) à l'huile	выкрасить масляной краской tingere (v) ad olio pintar (v) al óleo	*5*
Bleiweiß (n) white lead blanc (m) de plomb	свинцовыя бѣлила (npl) bianco (m) di piombo, biacca (f) blanco (m) de plomo	*6*
Kupferfarbe (f) copper paint couleur (f) à base de cuivre	мѣдная краска (f) colore (m) [a base] di rame color (m) á base de cobre	*7*
Lackanstrich (m) coat of varnish couche (f) de vernis	покрытіе (n) лакомъ strato (m) [*o* mano (f)] di lacca capa (f) de barniz	*8*
Patentfarbe (f) für Schiffsböden antifouling paint *or* composition couleur (f) brevetée pour carène de bateaux	патентная краска (f) для подводной части судна colore (m) brevettato per fondi di nave color (m) patentado para carena de barcos	*9*
ölen (v) to oil huiler (v)	проолифить oliare (v), spalmare (v) d'olio aceitar (v)	*10*
Bewachsen (n) des Bodens fouling of the bottom état (m) malpropre de la coque	обростаніе (n) днища ricoprimento (m) della carena suciedad (f) del fondo	*11*
Anwachsen (n) von Pflanzen und Muscheln attachment of weeds and shells adhérence (f) des plantes et des mollusques à la coque	прирастаніе (n) травъ и раковинъ aderenza (f) di piante e molluschi alla carena adherencia (f) de las algas y conchuelas en el fondo	*12*

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1	kupfern (v), mit einer Kupferhaut versehen (v) to copper, to cover with sheet copper doubler (v) en cuivre		обшить мѣдью foderare (v) di rame forrar (v) de cobre
2	Kupferung (f), Kupferhaut (f), (Bodenbelag aus Kupferblech) copper bottom doublage (m) en cuivre		мѣдная обшивка (f) ricoprimento (m) in rame, rivestimento (m) del fondo con lamiera di rame forro (m) de cobre
3	wasserdicht eindecken (v) to deck watertight poser (v) sur le pont un bordé étanche		покрыть водонепроницаемой палубой coprire (v) a tenuta d'acqua colocar (v) sobre el puente una tablazón estanca
4	Decksöffnung (f) deck opening ouverture (f) dans le pont	a a	отверстіе (n) въ палубѣ apertura (f) sul ponte abertura (f) en la cubierta
5	Luke (f), Niedergang (m) hatch[way] écoutille (f)		люкъ (m) boccaporta (f), boccaporto (m) escotilla (f)
6	Oberlicht (n) sky light claire-voie (f)		свѣтлый люкъ (m); палубный иллюминаторъ (m) spiraglio (m) lumbrera (f)
7	Lukenkappe (f) companion capot (m) d'écoutille		крышка (f) люка cappa (f) alla boccaporta, tuga (f) di cabina carroza (f) de escotilla
8	Süll (m) coaming, coming, combing hiloire (f) *ou* surface (f) d'écoutille	a a	комингсъ (m) mastra (f) da boccaporto brazola (f)
9	Querschott (n) transverse bulkhead cloison (f) transversale	a a	поперечная переборка (f) paratia (f) trasversale mamparo (m) transversal
10	Kollisionsschott (n) collision bulkhead cloison (f) de collision *ou* d'abordage	a a	таранная переборка (f) paratia (f) di collisione mamparo (m) de seguridad *ó* de abordaje

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wasserdichtes Schott (n) water tight bulkhead cloison (f) étanche, fronteau (m) étanche		водонепроницаемая переборка (f) paratia (f) stagna mamparo (m) estanco	1
wasserdichte Abteilung (f) water tight compartment compartiment (m) étanche		водонепроницаемый отсѣкъ (m) scompartimento (m) stagno compartimento (m) estanco	2
Wasserdichtigkeit (f) water tightness étanchéité (f), imperméabilité (f)		водонепроницаемость (f) tenuta (f) d'acqua, impermeabilità (f) impermeabilidad (f)	3
Unsinkbarkeit (f) unsinkability, insubmersibility insubmersibilité (f)		непотопляемость (f) insommergibilità (f) insumergibilidad (f)	4
Luftkasten (m) air chamber réservoir (m) à air		воздушный ящикъ (m) cassone (m) d'aria depósito (m) de aire	5
Zusammenstoß (m), Kollision (f) collision collision (f), rencontre (f)		столкновенie (n) collisione (f) choque (m), encuentro (m)	6
Stahlboot (n) steel boat bateau (m) en acier		стальная лодка (f) canotto (m) *o* autoscafo (m) di acciaio barco (m) de acero	7
stählern (adj) of steel en acier		стальной di acciaio de acero	8
eisern (adj) of iron en fer		желѣзный di ferro de hierro	9
Flachkiel (m) flat keel quille (f) plate	a	плоскій киль (m) chiglia (f) piatta quilla (f) plana	10
Balkenkiel (m) vertical iron plate keel, bar keel quille (f) massive, quille (f) en barre	a	вертикальный киль (m) изъ полосового желѣза chiglia (f) massiccia quilla (f) maciza, quilla (f) en trozos	11

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1	Außenhautplatte (f) shell plate plaque (f) de bordé	b листъ (m) наружной обшивки piastra (f) di rivestimento del fasciame esterno placa (f) de las bordas
2	überlappte Nietung (f) lap riveting rivure (f) à clin *ou* à recouvrement	 заклёпочный шовъ (m) въ накрой inchiodatura (f) a ricoprimento solapado (m) y remachado
3	Überlappung (f) lap clin (m), recouvrement (m)	накрой (m) ricoprimento (m) solapa (f)
4	Rostschutz (m) preservative compound, antirusting paint protection (f) contre la rouille, préservation (f) de la rouille	защита (f) отъ ржавчины protezione (f) contro la ruggine protección (f) contra la oxidación
5	rote Eisenmennige (f) red oxide (minium) minium (m) rouge de fer	желѣзный сурикъ (m) minio (m) rosso di ferro minio (m) rojo
6	mit Zement ausgießen (v) to grout in with cement couler (v) du ciment [dans . . .]	залить цементомъ riempire (v) di cemento rellenar (v) con cemento
7	Stringerwinkel (m) stringer angle bar cornière (f) de serre *ou* de gouttière	угольникъ (m) стрингера cantonale (m) del corrente hierro (m) de ángulo de palmejar
8	Deckstringer (m) deck stringer gouttière (f) de pont	палубный стрингеръ (m) corrente (m) del ponte, trincarino (m) di coperta trancanil (m) de cubierta
9	Stringerplatte (f) plate stringer, stringer plate tôle-gouttière (f)	листъ (m) стрингера piastra (f) da corrente, lamiera (f) di trincarino trancanil (m) de hierro
10	Knieplatte (f) (knee) gusset plate gousset (m) en tôle	кница (f) [изъ листового желѣза] lamiera (f) di bracciuolo plancha (f) triangular

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Balkenknie (n) beam knee courbe (f) de barrot	висячая, палубная кница (f) bracciuolo (m) di baglio curva (f) vertical	1
Riffelblech (n) checquered plate tôle (f) cannelée *ou* striée	шахматное желѣзо (n); рифлёное желѣзо lamiera (f) striata chapa (f) estriada	2
gepreßtes Stahlboot (n) pressed steel boat bateau (m) en acier embouti	штампованная стальная лодка (f) canotto (m) di acciaio stampato barco (m) de acero embutido	3
Aluminiumboot (n) aluminium boat bateau (m) en aluminium	алюминіевая лодка (f) canotto (m) d'alluminio barco (m) de aluminio	4

Einrichtung (f) accomodation, equipment aménagement (m)	устройство (n) ammobiliamento (m), arredamento (m) disposición (f), distribución (f)	5
Geräumigkeit (f) roominess espace (m) disponible	ёмкость (f) ampiezza (f) espacio (m) disponible	6
geräumig (adj) roomy (adj) spacieux (adj)	объёмистый ampio (agg), spazioso (agg) espacioso (adj)	7
Bequemlichkeit (f), Wohnlichkeit (f) comfort confort (m), commodité (f)	удобство (n); уютность (f) comodità (f), abitabilità (f) comodidad (f), habitabilidad (f)	8
Einrichtungszeichnung (f), Einrichtungsplan (m) accomodation *or* equipment plan plan (m) d'aménagement	чертёжъ (m) внутренняго устройства disegno (m) *o* piano (m) dell'ammobiliamento plano (m) de la disposición interior	9
Längsschnitt (m) inboard profile, longitudinal section coupe (f) longitudinale *ou* en long[ueur]	продольный разрѣзъ (m) sezione (f) *o* taglio (m) longitudinale sección (f) longitudinal	10
Querschnitt (m) midship section coupe (f) transversale *ou* en travers *ou* au maitre	поперечный разрѣзъ (m) sezione (f) *o* taglio (m) trasversale sección (f) transversal *ó* maestra	11

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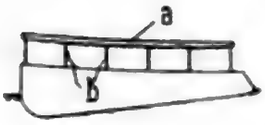
1	offenes Motorboot (n) open motor boat canot (m) *ou* bateau (m) automobile non ponté		открытая моторная лодка (f) nave (f) automobile aperta, autoscafo (m) aperto bote (m) automóvil sin cubierta
2	Vor[der]deck (n) forward deck, fore deck avant-pont (m)		носовая палуба (f) palco (m) di prora, coperta (f) a prua cubierta (f) de proa
3	Achterdeck (n), Hinterdeck (n) after deck arrière-pont (m)		кормовая палуба (f) palco (m) *o* passerella (f) di poppa cubierta (f) de popa
4	Sonnensegel(n), Sonnendach (n) awning tente (f)	a	тентъ(m) изъ парусины tela (f) per riparo dal sole, tenda (f) tienda (f)
5	Sonnensegelstütze (f), Sonnenzeltstütze (f) awning stanchion support (m) de tente en fer	b	тентовая стойка (f) sopporto (m) della tenda di riparo dal sole soporte (m) de hierro para tienda
6	niederlegbare Schutzkappe (f), Kutschenschlag (m), Spritzkappe (f) spray hood capot (m) protecteur repliable		съёмный кожухъ (m) mantice (m) pieghevole *od* abbassabile capota (f) plegable
7	Segeltuch (n) sail cloth, canvas toile (f) à voile		парусина (f) tela (f) da vela lona (f)
8	festes Schutzdach (n) fixed awning toit (m) fixe	 a	постоянный тентъ (m) tetto (m) di riparo fisso techo (m) fijo
9	Cockpit (m), Sitzraum (m) cockpit, well sièges (m pl) à l'arrière	 a	кокпитъ (m) cassero (m) di poppa asientos (m pl) en la popa
10	[Fuß-]Boden (m) floor plancher (m), parquet (m)		полъ (m); палуба (f) impalcatura (f), pavimento (m) piso (m)
11	Holzgräting (f) wooden grating claire-voie (f) en bois		деревянная рѣшётка (f) osteriggio (m) *o* griglia (f) di legno parrilla (f) de madera

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Bootsducht (f), Bootsbank (f)
thwart of boat
banc (m) *ou* banquette (f) de bateau

банка (f)
banco (m), panca (f)
banco (m) *ó* banqueta (f) de barco *1*

Querbank (f)
transverse thwart *or* seat
banquette (f) transversale

a

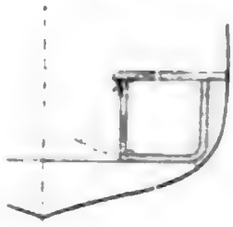
поперечная банка (f)
panca (f) trasversale
banqueta (f) transversal *2*

Seitenbank (f), Längsbank (f)
longitudinal *or* side seat *or* thwart
banquette (f) longitudinale *ou* laterale

a

бортовая банка (f); боковыя сидѣнья (n pl)
panca (f) laterale
banqueta (f) longitudinal *3*

Kastenbank (f)
locker seat
banc-caisse (f), banc (m) à caisse



банка (f) съ ящикомъ
cassapanca (f)
banco (m) con caja inferior *4*

Bankkiste (f)
locker
caisse (f) de banc

банка (f) съ ящикомъ; рундукъ (m)
cassetto (m) con sedile
caja (f) de banco *5*

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gedecktes Boot (n)
decked-in boat
bateau (m) ponté

палубная лодка (f)
nave (f) a ponte raso, battello (m) coperto
barco (m) cubierto *6*

Reling (f)
guard rail, railing
garde-corps (m)

лееръ (m); поручень (m)
ringhiera (f) frontale, guardacorpo (m), parapetto (m), orlo (m)
antepecho (m), guardalado (m), barandilla (f), cairel (m) *7*

Relingstütze (f)
rail stanchion *or* upright
montant (m) *ou* chandelier (m) de garde-corps

a

леерная стойка (f)
montante (m) della ringhiera *o* del guardacorpo
candelero (m) de barandilla *8*

Decksitz (m)
deck seat
siège (m) de pont

сидѣніе (n) на палубѣ
sedile (m) da ponte
asiento (m) de cubierta *9*

Kajütboot (n)
cabin boat *or* launch
canot (m) à cabine

лодка (f) съ каютой; лодка съ рубкой
battello (m) a cabina, autoscafo (m) con camerino
bote (m) con camarote *10*

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offenes Kajütboot (n)
open boat with cabin
canot (m) non ponté à cabine

открытая лодка (f) съ рубкой
battello (m) non pontato con cabina *o* con camerini
barco (m) *ó* bote (m) sin cubierta *ó* descubierto con camarote *11*

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1	gedecktes Kajütboot (n) decked cabin boat canot (m) ponté à cabine	палубная лодка (f) съ каютой barcaccia (f) pontata e con camerini barco (m) ó bote (m) cubierto con camarote
2	Aufbauten (m pl) deck structures superstructures (f pl)	палубныя надстройки (f pl); рубки (f pl) soprastrutture (f pl) obra (f) alta adicional
3	Kajütsaufbauten (m pl) raised cabin, deck cabin cabine (f) sur le pont	рубки (f pl) soprastrutture (f pl) dei camerini camarote (m) sobre la cubierta
4	Kajüte (f) cabin cabine (f)	каюта (f) cabina (f), camerino (m) camarote (m)
5	Vorderkajüte (f) fore cabin cabine (f) à l'avant	носовая каюта (f) cabina (f) anteriore, camerino (m) di prua camarote (m) de proa
6	Achterkajüte (f), Hinterkajüte after cabin cabine (f) à l'arrière	кормовая каюта (f) cabina (f) posteriore, camerino (m) di poppa camarote (m) de popa
7	Sitzkajüte (f) cabin with seating accomodation cabine (f) avec banquettes	низкая каюта (f) camerino (m) con posti a sedere camarote (m) con banquetas
8	Schiebetür (f) sliding door porte (f) glissante *ou* à coulisse	сдвижная *или* задвижная дверь (f) porta (f) scorrevole puerta (f) corrediza
9	Klapptür (f) swing door trappe (f)	откидная дверь (f) botola (f) trampa (f)
10	Kajütendeck (n) cabin deck pont (m) avec cabines	крыша (f) каюты ponte (m) dei camerini cubierta (f) con camarotes
11	Deckstütze (f) deck stanchion *or* pillar épontille (f) de pont	пиллерсъ (m) puntale (m) di ponte *o* di coperta puntal (m) de cubierta

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Ventilator (m)
ventilator, air shaft
ventilateur (m), manche (f) à vent

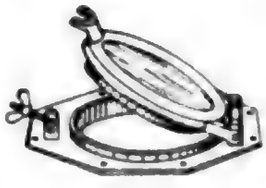
вентиляторъ (m)
ventilatore (m), tromba (f) *1*
ventilador (m), manguera (f), manga (f)

Ventilatorkopf (m)
hood of the ventilator
bouche (f) de manche à vent

раструбъ (m) вентилятора
bocca (f) del ventilatore *2*
boca (f) de manguera

Decklicht (f)
deck light
claire-voie (f), jour (m) de pont

палубный иллюминаторъ (m)
lampada (f) da ponte *3*
lumbrera (f) [de cubierta]

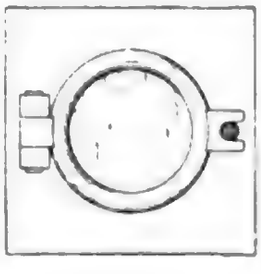


Seitenfenster (n)
port light
hublot (m), fenêtre (f)

бортовой иллюминаторъ (m)
finestra (f) laterale *4*
portilla (f) de luz, ventana (f)

Schiebefenster (n)
sliding window
châssis (m) glissant, fenêtre (f) à coulisse

задвижной иллюминаторъ (m)
finestra (f) scorrevole, finestra (f) a coulisse *5*
vidriera (f) corrediza



Bulleye (n), Ochsenauge (n), rundes Seitenfenster (n)
porthole light, bull's eye
œil (m) de bœuf

бортовой иллюминаторъ (m) (круглый)
occhio (m) di bove finestrino (m) nella murata della nave *6*
claraboya (f)

Steuerhaus (n)
pilot house, wheel house
timonerie (f), cabine (f) du timonier

штурвальная рубка (f)
casotto (m) del timone, timoniera (f) *7*
caseta (f) del timón

Motorenraum (m), Maschinenraum (m)
engine room
chambre (f) des machines

моторное отдѣленіе (n); машинное отдѣленіе
sala (f) *o* camera (f) delle macchine *o* del motore *8*
cámara (f) de las máquinas

Führerstand (m), Steuerstand (m)
footplate, place for steersman to stand
poste (m) du conducteur *ou* timonier

мѣсто (n) для рулевого; рулевой постъ (m)
posto (m) del conduttore *o* timoniere *o* pilota *9*
puesto (m) del timonel *ó* patrón

Mannschaftsraum (m), Volkslogis (n)
quarters for the crew
poste (m) *ou* logement (m) de l'équipage

командное отдѣленіе (n)
alloggio (m) dell'equipaggio, posto (m) della ciurma *10*
alojamiento (n) del equipaje

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1 Besatzung (f), Mannschaft (f)
crew
équipage (m)

команда (f)
equipaggio (m), ciurma (f)
tripulación (f)

2 Maschinist (m)
engineer
machiniste (m)

машинистъ (m)
macchinista (m)
maquinista (m)

3 Kajütseinrichtung (f)
cabin fittings
aménagement (m) de cabine

устройство (n) каюты
arredamento (m) della cabina
disposición (f) interior de un camarote

4 Salon (m)
saloon
salon (m)

салонъ (m)
salone (m)
salón (m)

5 Sofa (n), Polsterbank (f)
couch, sofa
sopha (m), sofa (m), divan (m), canapé (m)

диванъ (m)
sofà (m), divano (m)
sofá (m), canapé (m)

6 Stahlfederboden (m)
spring mattress
sommier (m) à ressorts d'acier

пружинный матрацъ (m)
materasso (m) a molle
colchón (m) de resortes de acero

7 Kissen (n)
cushion, pillow
coussin (m)

подушка (f)
cuscino (m)
cojín (m)

8 Rückenkissen (n)
cushion
coussin (m) de dossier

спинка (f)
cuscino-schienale (m)
cojín (m) de respaldo

9 Schlafsofa (n)
sofa bed
divan-lit (m)

диванъ (m) для спанья
divano (m), ottomana (f), canapè (m), sofà-letto (m)
sofá-cama (m)

10 Klapptisch (m)
folding table
table (f) à charnières

откидной столъ (m)
tavola (f) pieghevole
mesa (f) de charnelas

11 Schlingertisch (m)
suspended *or* slung *or* swinging table
table (f) suspendue (pour éviter le roulis)

столъ (m) съ карданнымъ подвѣсомъ
tavola (f) da rullio
mesa (f) suspendida

12 Spind (n), Wandschrank (m)
cupboard
armoire (f) dans la paroi

боковой шкафъ (m)
armadio (m) della murata, locker (m)
armario (m) en la pared

13 Kleiderschrank (m)
wardrobe
garde-robe (f)

шкафъ (m) для платья
guardaroba (f), armadio (m)
guadarropa (f)

14 Wäscheschrank (m)
linen board
armoire (f) à linge

шкафъ (m) для бѣлья
armadio (m) da biancheria
armario (m) para ropa blanca

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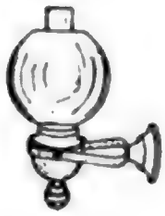
Verschlag (m)
locker
alcôve (f), réduit (m) fermé par une cloison

выгородка (f); [складочное мѣсто (n)]
tramezzo (m), armadio (m) a scaffali, scompartimenti (m pl) 1
alcoba (f), armario (m)

verstauen (v)
to stow
arrimer (v)

погрузить
stivare (v)
trincar (v), asegurar (v), arrumar (v), repartir (v) el cargamento 2

Schiffslampe (f)
cabin lamp
lampe (f) de salon *ou* de cabine



судовая лампа (f); кинкетъ (m)
fanale (m) di bordo 3
lámpara (f) de barco

Hängelampe (f)
swinging lamp
[lampe (f) à] suspension (f)

висячая лампа (f)
lampada (f) sospesa, lampada (f) a sospensione 4
lámpara (f) suspensión

Schlingerlampe (f), Lampe (f) in kardanischer Aufhängung
double swinglamp, lamp with universal suspension
lampe (f) à suspension à la cardan

лампа (f) съ карданнымъ подвѣсомъ
lampada (f) di rullio 5
lámpara (f) suspensión á cardan

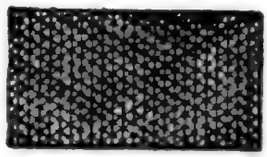
Petroleumlampe (f)
paraffin lamp
lampe (f) à pétrole

керосиновая лампа (f)
lampada (f) *o* lume (m) a petrolio 6
lámpara (f) de petróleo

Petroleumofen (m)
paraffin stove
poêle (m) à pétrole

керосиновая печь (f)
stufa (f) *o* calorifero (m) a petrolio 7
estufa (f) de petróleo

Fußbodenmatte (f)
mat
paillasson (m), natte (f)



матъ (m)
stuoia (f) per i piedi 8
estera (f)

Gummimatte (f), Gummiabtreter (m)
rubber mat
tapis (m) en caoutchouc

резиновый матъ (m)
tappeto (m) di gomma 9
alfombra (f) de goma

Fenstervorhang (m), Gardine (f)
curtain
rideau (m)

занавѣсъ (m); занавѣска (f)
cortina (f), tendina (f) 10
cortina (f)

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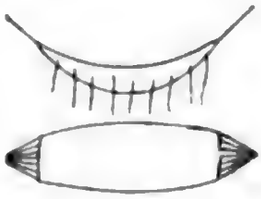
1 Schlafkabine (f)
state room, sleeping cabin
cabine (f) à couchette

спальная каюта (f)
cabina (f) da letto
camarote (m) de camilla

2 Koje (f)
bunk, berth
couchette (f), cabane (f)

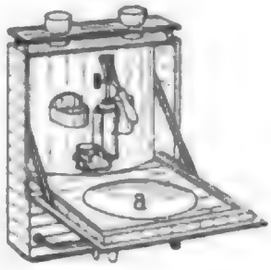
койка (f)
[camerino (m) a] cuccetta (f), letto (m) a tavolato per la ciurma
camilla (f)

3 Hängematte (f)
hammock
hamac (m)



гамакъ (m)
amaca (f)
hamaca (f)

4 Klappwaschtisch (m)
folding lavatory
lavabo (m) à charnière



откидной умывальникъ (m)
lavabo (m) a cerniera
lavatorio (m) de charnela

5 Waschbecken (n)
lavatory
cuvette (f) de lavabo

a

тазъ (m)
catino (m)
jofaina (f)

6 Bad (n), Baderaum (m)
bath, bathroom
salle (f) de bain

ванная (f)
bagno (m), cabina (f) da bagno
baño (m), cuarto (m) de baños

7 Badewanne (f)
bath tub
baignoire (f)

ванна (f)
bagnarola (f), vasca (f) da bagno
baño (m), bañera (f)

8 Toilette (f)
toilet, water closet
water-closet (m), cabinet (m) d'aisance

уборная (f)
cabina (f) da toeletta
letrinas (f pl)

9 Torfstreuklosett (n)
earth closet
cabinet (m) *ou* lieu (m) d'aisance à tourbe

торфяной клозетъ (m)
luogo-comodo (m) a torba, cesso (m) a torba
letrinas (f pl) con lecho de turba

10 Wasser[spül]klosett (n), W. C.
pump water closet
cabinet (m) *ou* lieu (m) d'aisance à chasse d'eau

ватеръ-клозетъ (m)
luogo-comodo (m) ad irrigatore, cesso (m) ad irrigatore
letrinas (f pl) con chorro de agua

11 Linoleumbelag (m)
linoleum cover
tapis (m) de linoléum

настилка (f) линолеумомъ
tappeto (m) di linoleum
alfombra (m) de linoleum

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Kombüse (f), Küche (f)
galley
cambuse (f), cuisine (f)

камбузъ (m) [кухня]
combusa (f), cucina (f), focone (m)
despensa (f), cocina (f) *1*

Kochherd (m)
cooking stove
fourneau (m) de cuisine

камбузъ (m) [плита]
fornello (m), focolare (m)
hornillo (m) de cocina *2*

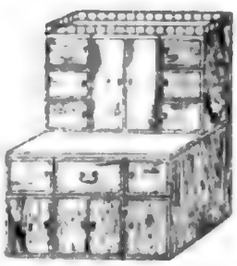
Eisschrank (m)
ice box, refrigerator
glacière (f)

ледникъ (m)
ghiacciaia (f)
heladera (f), fresquera (f) *3*

Anrichteraum (m), Pantry (f), Geschirrkammer (f)
pantry
office (m), garde-manger (m)

буфетъ (m); буфетная каюта (f)
riposto (m), riserva (f)
despensa (f) *4*

Buffet (n), Geschirrschrank (m)
glass and china cupboard
buffet (m)



буфетъ (m)
buffet (m), dispensa (f) di bordo
aparador (m) *5*

Anrichtetisch (m)
dumb waiter
table (f) de l'office

буфетный столъ (m)
tavola (f) per la dispensa
mesa (f) de la despensa *6*

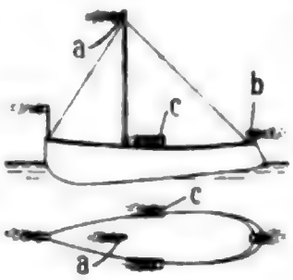
Ausrüstung (f), Ausrüstungsgegenstände (m pl)
ships gear *or* equipment
équipement (m), armement (m), objets (m pl) d'armement

предметы (m pl) снабженія; принадлежности (f pl)
armamento (m), oggetti (m pl) di arredamento
equipo (m), armamento (m) piezas (f pl) de armamento *7*

Signalvorrichtung (f)
signalling apparatus
appareil (m) à signaux *ou* de signalisation

устройство (n) сигнализаціи
apparato (m) segnalatore
señales (m pl) *8*

Topplaterne (f)
masthead light *or* lamp
fanal (m) *ou* lanterne (f) *ou* feu (m) de tête de mât



a

b

топовый фонарь (m)
fanale (m) di testa d'albero
farol (m) ó luz (f) de proa *9*

Hecklaterne (f)
stern light
fanal (m) *ou* lanterne (f) *ou* feu (m) de poupe

кормовой фонарь (m)
fanale (m) di poppa
farol (m) ó luz (f) de popa *10*

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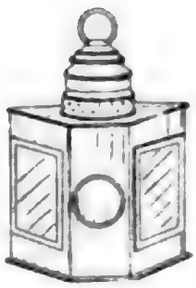
Positionslaterne (f) 1 side light feu (m) de côté	c	отличительный фонарь (m) fanale (m) laterale di posizione (verde, rosso) luz (f) ó farol (m) de situación de las bandas
Dreifarblaterne (f) 2 combination light fanal (m) à trois couleurs		трёхцвѣтный фонарь (m) fanale (m) a combinazioni farol (m) de tres colores
Ankerlaterne (f), Ankerlicht (n) 3 anchor light fanal (m) *ou* feu (m) de mouillage		штаговый фонарь (m) fanale (m) di porto *o* di ancoraggio farol (m) ó luz (f) de fondeadero
Signalpfeife (f) 4 whistle sifflet (m) de signal		свистокъ (m) fischio (m) *o* sirena (f) da segnali silbato (m) para señales
Signalpfeife (f) mit Luftpumpe 5 whistle with air compressor sifflet (m) de signal avec compresseur à air		пневматическій свистокъ (m) fischio (m) da segnali a soffietto silbato (m) para señales con compresor de aire
Zweiklangpfeife (f) chime *or* harmony 6 whistle, whistle with double tone sifflet (m) à deux notes		двухтонный гармоническій свистокъ (m) fischio (m) a due toni silbato (m) de dos tonos
Dreiklangpfeife (f) chime *or* harmony 7 whistle, three tone whistle sifflet (m) à trois notes		трёхтонный гармоническій свистокъ (m) fischio (m) a tre toni silbato (m) de tres tonos
Signalhuppe (f) 8 hooter trompe (f) à signaux, trompe (f) avec poire		сигнальный рожокъ (m) tromba (f) da segnali bocina (f) para señales
Nebelsignal (n) 9 fog signal signal (m) de brouillard		туманный сигналъ (m) segnale (m) della sirena da nebbia señal (m) de bruma
Nebelhorn (n) 10 fog horn trompe (f) de brouillard		туманный горнъ (m) corno (m) *o* sirena (f) da nebbia bocina (f) de bruma

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Sirene (f)
siren
sirène (f)

сирена (f)
sirena (f)
sirena (f)
1

Signalglocke (f)
signal bell
cloche (f) de signal

сигнальный колоколъ (m)
campana (f) da segnali
campana (f) de señales
2

Flagge (f)
flag
pavillon (m)

флагъ (m)
bandiera (f)
bandera (f)
3

Nationalflagge (f)
ensign
pavillon (m) *ou* drapeau (m) national

національный флагъ (m)
bandiera (f) nazionale
bandera (f) nacional
4

die Klubflagge führen (v)
to fly the club burgee *or* flag
porter (v) le pavillon du club

итти подъ клубскимъ флагомъ
battere (v) bandiera di un club
llevar (v) la bandera del club
5

Signalflagge (f)
signal flag, code signal
pavillon (m) à signaux

сигнальный флагъ (m)
bandiera (f) da segnali
bandera (f) de señales
6

Stander (m), Wimpel (m)
burgee
guidon (m)

флюгеръ (m); вымпелъ (m)
guidone (m)
gallardete (m)
7

Flaggenstock (m)
flag mast *or* pole
hampe (f) *ou* mât (m) de pavillon

флагштокъ (m)
asta (f) della bandiera
asta (f) de la bandera
8

Flaggenstockhalter (m), Flaggenstocktülle (f)
flag pole socket
porte-hampe (m) de pavillon

стаканъ (m) для флагштока
sostegno (m) dell'asta di bandiera
porta-asta (m)
9

die Flagge heißen (v) *oder* hissen (v)
to hoist the flag
hisser (v) *ou* arborer (v) les couleurs *ou* le pavillon

поднять флагъ
alzare (v) *o* issare (v) la bandiera
izar (v) la bandera
10

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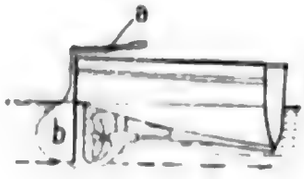
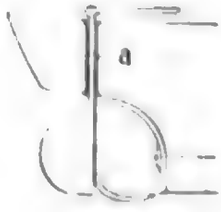
1	[illegible]	[illegible]
2	[illegible]	руль m timone m timon m
3	[illegible]	штурвалъ m ruota f del timone rueda f del timón
4	[illegible] (m) frame of steering wheel bâti (m) de la roue de gouvernail	штурвальный станокъ m bozzello m del timone bastidor m de la rueda del timón
5	Steuerleitung (f) tiller rope, steering chain chaîne (f) ou câble (m) et accessoires du gouvernail	штуртросъ (m) meccanismo (m) di timoneria cadena (f) ó cable (m) y accesorios del timón
6	Ruderreep (n) tiller rope drosse (f) du gouvernail	канатъ (m) руля; рулевой тросъ (m) frenello (m) guardines (m pl) del timón
7	Ruderpinne (f) rudder tiller barre (f) de gouvernail	румпель (m) barra (f) del timone barra (f) ó caña (f) del timón
8	Ruderblatt (n) back piece of rudder safran (m) du gouvernail	перо (n) руля pezzo (m) sporgente del timone azafrán (m) del timón
9	Ruderkoker (m) rudder trunk, helm port jaumière (f)	гельмпортовая труба (f) losca (f), buco (m) di timoniera limera (f) del timón





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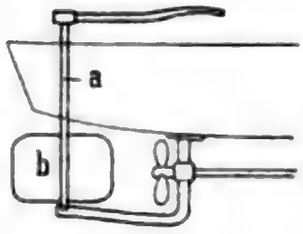
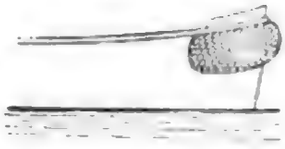
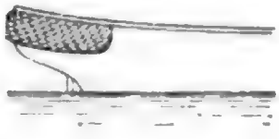
Ruderspindel (f), Ruderschaft (m) main piece of rudder, rudder spindle mèche (f) de gouvernail	 a	баллеръ (m) руля testa (f) del timone mecha (f) del timón	1
Balanceruder (n) balanced rudder gouvernail (m) compensé	b	балансирный руль (m) timone (m) compensato timón (m) compensado	2
Bootsinventar (n) inventory of boats gear inventaire (m) du bateau *ou* du canot		инвентарь (m) лодки inventario (m) di bordo, elenco (m) degli oggetti d'inventario inventario (m) del bote	3
Riemen (m), Ruder (n) oar aviron (m), rame (f)		весло (n) remo (m) remo (m)	4
Dolle (f), Rudergabel (f) row lock chandelier (m) d'aviron, porte-rame (m)		уключина (f) scalmo (m), scalmiere (m), forcola (f) pel remo chumacera (f) de un remo	5
Bootshaken (m) boat hook gaffe (f)		багоръ (m); отпорный крюкъ (m) gaffa (f) d'imbarcazione, gancio (m) d'accosto bichero (m)	6
Bootsfender (m) fender défense (f)		кранецъ (m) parabordo (m), guardalato (m), difesa (f) d'approdo defensa (f)	7
Bugfender (m), Stevenfender (m) bow fender défense (f) de proue		носовой кранецъ (m) paglietto (m) *o* difesa (f) di prua defensa (f) de proa	8
Heckfender (m) stern fender défense (f) de poupe		кормовой кранецъ (m) paglietto (m) *o* difesa (f) di poppa defensa (f) de popa	9

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1 Holzfender (m)
wooden fender
défense (f) en bois

деревянный кранецъ (m)
difesa (f) *o* parabordo (m) di legno
defensa (f) de madera

2 Anker (m)
anchor
ancre (f)

якорь (m)
àncora (f)
ancla (f), áncora (f)

3 Stockanker (m)
anchor with stock
ancre (f) à jas

якорь (m) со штокомъ
àncora (f) con ceppo
ancla (f) con cepo

4 stockloser Anker (m), Patentanker (m)
stockless anchor
ancre (f) sans jas

якорь (m) безъ штока
àncora (f) senza ceppo, àncora (f) brevettata
ancla (f) sin cepo

5 zusammenlegbarer Anker (m), Klappanker (m)
folding anchor
ancre (f) pliante

якорь (m) со складывающимися лапами
àncora (f) automatica *o* a cerniere
ancla (f) plegable

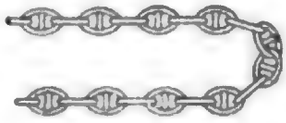
6 Wurfanker (m)
grapnel
ancre (f) à jet, grapin (m)

верпъ (m); кошка (f)
grappino (m), ancorotto (m)
anclote (m)

7 Ankertrosse (f)
anchor cable
amarre (f) d'ancre

якорный канатъ (m)
cavo (m) *o* fune (f) d'àncora
amarra (f) de ancla

8 Ankerkette (f)
anchor chain
chaîne (f) *ou* bosse (f) d'ancre



якорная цѣпь (f)
catena (f) dell'àncora
cadena (f) *ó* boza (f) de ancla

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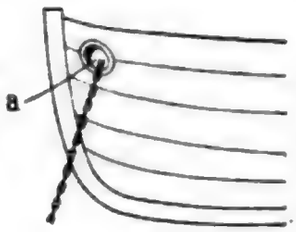
Ankerspill (n)
anchor windlass *or* capstan
cabestan (m)

брашпиль (m)
argano (m)
cabrestante (m)
1

Ankerboje (f)
anchor buoy
bouée (f) d'ancre

якорный буёкъ (m)
gavitello(m) dell'àncora
boya (f) de ancla
2

Ankerkettenklüse (f)
hawse hole, hawse pipe
écubier (m) de chaîne d'ancre, guide (m) de la chaîne d'ancre, manchon (m) d'écubier



a

клюзъ (m)
cubia (f), foro (m) di cubia, occhio (m) di prua
escobén (m)
3

Besegelung (f), Segeleinrichtung (f), Takelung (f)
sail outfit
voilure (f)

парусность (f)
velatura (f), corredo (m) di vele, alberatura (f) e cordami
velamen (m)
4

Mast (m)
mast
mât (m)

a

мачта (f)
albero (m)
palo (m), mástil (m)
5

Segel (n)
sail
voile (f)

b

парусъ (m)
vela (f)
vela (f)
6

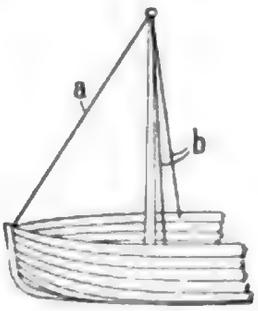
Mastbeschläge (m pl) Mastfittings (pl)
mastfittings
gréement (m) du mât

оковки (fpl) мачты
attrezzatura (f) dell'albero
aparejo (m)
7

Mastring (m)
mast collar ring
cercle (m) de mât

бугель (m)
cappa (f) dell'albero
zuncho (m) del palo
8

Stag (m, n)
stay
étai (m), draille (f)



a

штагъ (m)
straglio (m)
estay (m), nervio (m)
9

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b

1	Wanten (pl) shrouds (pl) haubans (m pl)	ванты (m pl) sartie (f pl) obenques (m pl)
2	stehendes Gut (n) standing rigging manœuvres (f pl) dormantes	стоячій такелажъ (m) manovre (f pl) fisse *o* dormienti jarcias (f pl) muertas
3	laufendes Gut (n), running rigging manœuvres (f pl) courantes	бѣгучій такелажъ (m) manovre (f pl) correnti jarcias (f pl) de labor
4	Wantenspanner (m) turnbuckle tendeur (m) de hauban	винтовой тальрепъ (m) tendi-sartie (m) aparato (m) tensor de obenques
5	Block (m) block poulie (f)	блокъ (m) bozzello (m) motón (m)
6	Karabinerhaken (m) mit Auge snap hook and eye crochet (m) porte-mousqueton	карабинъ (m) gancio (m) porta-carabina gancho (m) de mosquetón
7	Poller (m), Boller (m) bitt, bollard bitton (m), bitte (f)	кнехтъ (m) bitta (f), caviglia (f) bita (f), bitón (m)
8	Klampe (f) cleat taquet (m)	утка (f) castagnuola (f), tacco (m) cornamusa (f), galápago (m)
9	Lippklampe (f) snatch cleat taquet (m) à dent	полуклюзъ (m) tacchetto (m) a dente cornamusa (f) escotera
10	Belegklampe (f) belaying *or* snatch cleat taquet (m) d'amarrage	утка (f); крюйсовъ (m); крѣпительная марсовая планка (f); кофель-планка (f) calastra (f) di manovra cornamusa (f) de amarra
11	Leitklampe (f), Leitklüse (f) chock taquet-guide (m), conduit (m)	направляющій клюзъ (m) puleggia (f) direttrice cornamusa (f) *ó* galápago (m) de guía

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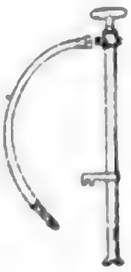
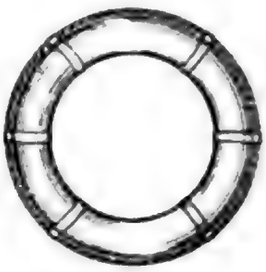
Festmacheleine (f) mooring rope corde (f) d'amarrage, amarre (f)		причальная снасть (f); швартовый перлинь (m) cavo (m) di chiusura di una vela, cavo da tonneggio cable (m) de amarrar, amarra (f)	1
Augbolzen (m) mit Mutter eye bolt and nut piton (m) *ou* cheville (f) à œillet avec écrou		болтъ (m) съ ушкомъ и гайкой perno (m) *o* spina (f) ad occhio con madrevite armella (f) con tuerca	2
Ringbolzen (m) mit Holzschraube ring bolt cheville (f) à boucle avec vis à bois		рымъ (m) съ шурупомъ spina (f) con anello e vite di legno hembrilla (f) de anillo con tornillo de rosca para madera	3
Heißring (m) lifting ring boucle (m) de hissage		подъёмный рымъ (m) anello (m) per issare anillo (m) para izar	4
Stevenband (n), Stevenbeschlag (m) brass stem band doublure (f) d'étrave		оковка (f) по штевню ricoprimento (m) in lamiera del dritto davanti *o* di prua forro (m) de roda	5
Schleppleine (f) tow rope câble (m) *ou* cordage (m) *ou* aussière (f) de remorque		буксирный тросъ (m) cavo (m) di rimorchio cable (m) de remolque	6
Bilgepumpe (f), Lenspumpe (f) bilge pump pompe (f) de fond de cale		осушительная помпа (f); отливная помпа pompa (f) di sentina bomba (f) de bodega ó sentina	7
Pütze (f), Eimer (m) bucket seau (m)		ведро (n) bugliolo (m), secchio (m) cubo (m)	8
Presenning (f) tarpaulin prélart (m)		брезентъ (m) incerato (m), tela (f) incatramata encerado (m)	9
Rettungsring (m) life buoy, life belt ceinture (f) de sauvetage		спасательный кругъ (m) salvagente (m) cinturón (m) salvavidas	10

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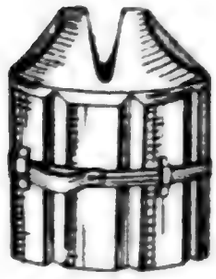
1 Schwimmweste (f), Rettungsgürtel (m)
cork jacket
gilet (m) *ou* ceinture (f) de sauvetage



спасательный жилетъ (m); спасательный поясъ (m); нагрудникъ (m)
salvagente (m) a giacca di sughero
chaleco (m) salvavidas

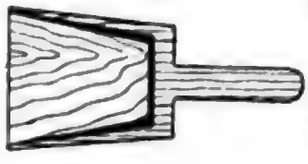
2 Schrubber (m)
scrubbing brush
brosse (f)

щётка (f) для мытья палубы
spazzola (f) per pittura
cepillo (m)

3 Schwabbel (m), Tweidel (m), Schwabber (m)
swab, mop
faubert (m)

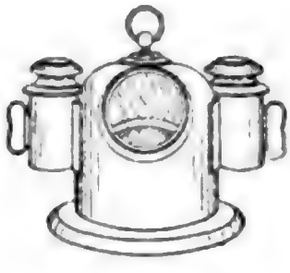
швабра (f)
radazza (f), strofinaccio (m) a manico di scopa
lampazo (m)

4 Kahnschaufel (f)
bailing scoop
écope (f)



ковшъ (m) для откачиванія *или* для вычерпыванія воды
pala (f)
vertedor (m)

5 Bootskompaß (m)
boat's compass
boussole (f) de canot



шлюпочный компасъ (m)
bussola (f) per canotto *o* per barcaccia
brújula (f) para botes

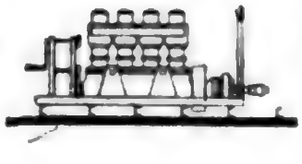
6 Ölzeug (n)
oilskins
tissu (m) huilé, toile (f) cirée

непромокаемая одежда (f)
abito (m) di tela cerata
lona (f) embetunada

7 **Motoranlage**
Motor Installation
Installation motrice

Моторная установка
Impianto del motore
Instalación motriz

8 Bootsmotor (m)
marine motor *or* engine
moteur (m) de canot *ou* de bateau



лодочный моторъ (m); судовой моторъ
motore (m) marino, motore (m) d'autoscafo
motor (m) de barco *ó* de bote

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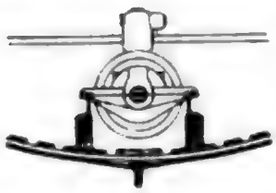
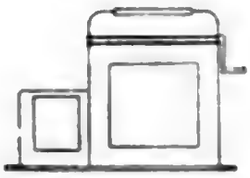
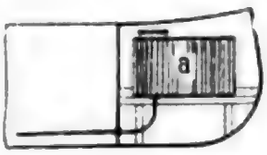
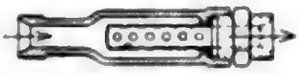
Motorfundament(n), Maschinenfundament (n) engine foundation *or* bed assise (f) de moteur		моторный фундаментъ (m); машинный фундаментъ fondazione (f) del motore, fondamento (m) della macchina asiento (m) de motor	*1*
Maschinenträger (m) engine bearer support (m) du moteur		фундаментъ (m) подъ машиной sopporto (m) del motore soporte (m) de motor	*2*
Motorschutzkasten (m) engine casing cage (f) protectrice du moteur		кожухъ (m) для защиты мотора gabbia (f) di protezione del motore, cassa (f) della macchina caja (f) de protección del motor	*3*
Schornstein (m) funnel cheminée (f)	 a	дымовая труба (f) fumaiuolo (m), ciminiera (f) chimenea (f)	*4*
Betriebsmaterialtank (m) fuel tank soute (f) *ou* réservoir (m) à combustible	 a	цистерна (f) для горючаго матеріала serbatoio (m) *o* vasca (f) del combustibile depósito (m) de combustible	*5*
Benzintank (m) petrol tank, gasoline tank réservoir (m) à essence		цистерна (f) для бензина serbatoio (m) *o* cisterna (f) di benzina depósito (m) de gasolina	*6*
Bordventil (n), Bordhahn (m) sea cock soupape (f) de purge		забортный клапанъ (m); кингстонъ (m); пріёмный кранъ (m) для забортной воды robinetto (m) d'estrazione *o* di spurgo válvula (f) de purga	*7*
Kühlwasserreiniger (m) strainer for circulating water filtre (m) pour l'eau de circulation		очиститель (m) охлаждающей воды filtro (m) d'acqua di pulizia filtro (m) para el agua de circulación	*8*
Luftablaßhahn (m) air cock robinet (m) d'échappement d'air		воздушный кранъ (m) chiavetta (f) *o* robinetto (m) di scappamento dell'aria, chiavetta (f) di sfiatamento grifo (m) de escape del aire	*9*
Schiffsvibration (f) vibration of the ship vibration (f) du bateau		вибрація (f) судна vibrazione (f) della nave vibración (f) del barco	*10*

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Umsteuerung (f), Reversierung (f)
1 reversing
renversement (m) de marche

перемѣна (f) хода
inversione (f) di marcia
cambio (m) de marcha

Reversiervorrichtung (f)
reversing gear
2 [appareil (m) de] renversement (m) de marche

реверсивный механизмъ (m)
meccanismo (m) per inversione di marcia
mecanismo (m) de cambio de marcha

Reibräderwendegetriebe (n)
reversing gear with friction wheels, frictional
3 reversing gear
renversement (m) de marche à friction *ou* par poulies de friction

фрикціонная реверсивная передача (f)
meccanismo (m) a frizione per inversione di marcia
cambio (m) de marcha por poleas de fricción

Zahnradwendegetriebe (n)
differential reversing
4 gear, tooth *or* spur wheel reversing gear
renversement (m) de marche à engrenage

зубчатая реверсивная передача (f)
meccanismo (m) ad ingranaggi per inversione di marcia
cambio (m) de marcha por engranajes

Kegelradwendegetriebe (n)
bevil wheel reversing
5 gear
renversement (m) de marche à engrenage conique

коническая реверсивная передача (f)
meccanismo (m) ad ingranaggio conico per inversione di marcia
cambio (m) de marcha por engranaje cónico

Umsteuerblock (m)
6 reversing block
bloc (m) réversible

реверсъ (m)
blocco (m) reversibile
bloque (m) reversible

Vorwärtsgang (m)
7 ahead, [going] ahead
marche (f) en avant

передній ходъ (m); ходъ впередъ
marcia (f) avanti
marcha (f) adelante

Leergang (m)
free run
8 marche (f) à vide [de la machine]

холостой ходъ (m)
marcia (f) a vuoto
marcha (f) en vacío

Rückwärtsgang (m), Rückwärtsschlagen (n)
9 [going] astern
marche (f) arrière

задній ходъ (m); ходъ назадъ
marcia (f) indietro
marcha (f) para atrás

Wellenleitung (f)
10 shaft[ing]
ligne (f) d'arbres

линія (f) валовъ
linea (f) d'assi
ejes (m pl)

Welle (f), Propellerwelle (f), Schraubenwelle (f), Schwanzwelle (f)
11 shaft, tail shaft, propeller *or* screw shaft
arbre (m) d'hélice

гребной валъ (m)
albero (m) dell'elica, asse (m) del propulsore ad elica
eje (m) de la hélice

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Wellenlager (n) shaft bearing palier (m) d'arbre d'hélice		подшипникъ (m); подушка (f) cuscinetto (m) dell'asse dell'elica soporte (m) ó cojinete (m) del eje de la hélice	1
Drucklager (n) thrust block, thrust bearing palier (m) de butée, butée (f)	a	упорный подшипникъ (m) cuscinetto (m) o sopporto (m) di spinta soporte (m) de empuje	2
Kammlager (n) thrust block, collar bearing palier (m) de butée à collets		гребенчатый подшипникъ (m) sopporto (m) ad anelli soporte (m) de empuje con collarines	3
Kugeldrucklager (n) thrust block with ball bearings palier (m) de butée à billes		шариковый упорный подшипникъ (m) cuscinetto (m) di spinta a sfere soporte (m) de empuje de bolas	4
Stevenrohr (n), Sternrohr (n) screw shaft pipe, stern tube tube (m) d'étambot, tube (m) d'arbre de l'hélice	a	дейдвудная труба (f) tubo (m) dell'asse porta-elica tubo (m) del codaste, tubo (m) del eje de la hélice	5
Schwanzende (n) der Welle tail end of the shaft bout (m) extérieur de l'arbre		концевой валъ (m) estremità (f) posteriore dell'asse dell'elica extremidad (f) exterior del eje de la hélice	6
Schraubenbock (m), Wellenbock (m) propeller shaft stay, stern bracket, skeg support (m) d'arbre [de l'hélice]	a	кронштейнъ (m) гребного вала sopporto (m) dell'albero dell'elica soporte (m) del eje de la hélice	7
Schraubenbrunnen (m) screw aperture, screw race cage (f) d'hélice	a	колодезь (m) гребного винта pozzo (m) dell'elica vano (m) de la hélice	8
Propeller (m) propeller propulseur (m), hélice (f)		судовой движитель (m) propulsore (m) propulsor (m), hélice (f)	9

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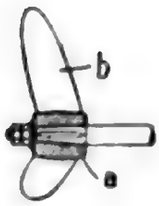
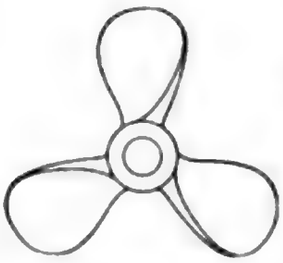
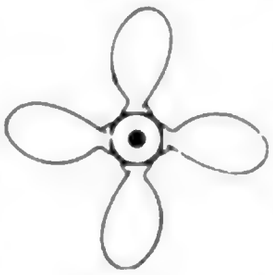
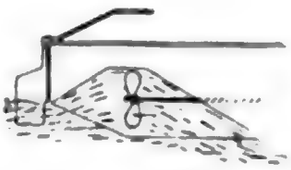
1	Schraube (f), Schraubenpropeller (m) screw, screw propeller hélice (f)		гребной винтъ (m) elica (f), elice (f), propulsore (m) ad elica hélice (f)
2	Schraubennabe (f) boss of screw moyeu (m) d'hélice	a	ступица (f) гребного винта mozzo (m) dell'elica núcleo (m) de la hélice
3	Schraubenflügel (m) screw blade aile (f) d'hélice, pale (f) d'hélice	b	лопасть (f) гребного винта pala (f) *o* ala (f) dell'elica ala (f) de la hélice
4	zweiflügelige Schraube (f) two bladed screw hélice (f) à deux ailes *ou* pales		двухлопастный винтъ (m) elica (f) a due pale *od* ali hélice (f) de dos alas
5	dreiflügelige Schraube (f) three bladed screw hélice (f) à trois ailes		трёхлопастный винтъ (m) elica (f) a tre pale *od* ali hélice (f) de tres alas
6	vierflügelige Schraube (f) four bladed screw hélice (f) à quatre pales		четырёхлопастный винтъ (m) elica (f) a quattro pale *od* ali hélice (f) de cuatro alas
7	Ohrmuschelschraube (f) concha screw hélice (f) en pavillon		гребной винтъ (m), работающій подъ козырькомъ [патентованная конструкція для мелкосидящихъ судовъ] elica (f) a conchiglia, elica (f) ad ali curve hélice (f) en forma de pabellón
8	Nikipropeller (m) Niki's propeller propulseur (m) de Niki		гребной винтъ (m) системы „Ники" propulsore (m) sistema Niki propulsor (m) Niki
9	Schraubentunnel (m) tunnel for screw cage (f) d'hélice		туннель (m) гребного винта tunnel (m) dell'elica vano (m) de la hélice

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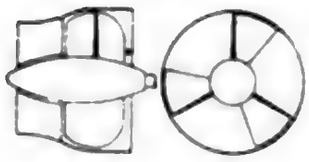
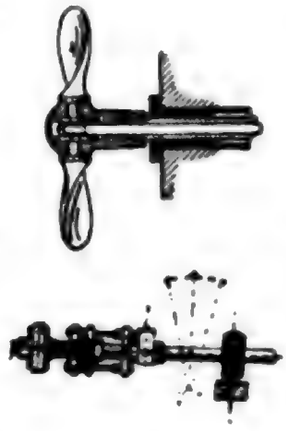
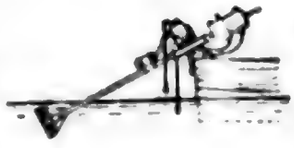
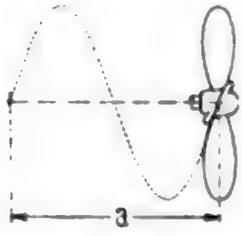
Turbinenschraube (f) turbine screw hélice-turbine (f)		турбинный винтъ (m) elica (f) a turbina hélice-turbina (f)	1
Turbinentunnel (m) tunnel *or* tube for turbine screw cage (f) de propulseur *ou* d'hélice-turbine		туннель (m) турбиннаго винта tunnel (m) della turbina vano (m) *ó* jaula (f) de propulsor-turbina	2
Laufrad (n) rotor wheel, runner roue (f) motrice		рабочее колесо (n) [турбины] ruota (f) mobile rueda (f) motriz	3
Leitrad (n) guide wheel roue (f) directrice, aubes (f pl) directrices		направляющее колесо (n) [турбины] ruota (f) direttrice, puleggia (f) di guida rueda (f) de guía (del agua), álabes (m pl) directores	4
Umsteuerschraube (f), Drehflügelschraube (f), Meißnerpropeller (m) feathering *or* reversible propeller hélice (f) réversible		винтъ (m) съ поворотными лопастями; винтъ (m) Мейсснера elica (f) a pale reversibili hélice (f) reversible	5
Motorschraube (f) motor *or* tiller propeller hélice (f) à commande directe		моторный винтъ (m) elica (f) a motore hélice (f) de accionamiento directo	6
Schraubenschub (m). Propellerschub (m) propelling effort, thrust of the propeller poussée (f) de l'hélice		упорное давленіе (n) гребного винта spinta (f) dell'elica *o* del propulsore empuje (f) de la hélice	7
Schraubensteigung (f) pitch of screw pas (m) d'hélice	 a	шагъ (m) винта passo (m) dell'elica paso (m) de la hélice	8
Slip (m), Rücklauf (m) slip recul (m)		скольженіе (n) винта regresso (m) resbalón (m)	9
Kavitation (f) cavitation cavitation (f)		кавитація (f) [пустотность (f) быстро вращающихся винтовъ] cavitazione (f) cavitación (f) (vacío detrás de la hélice)	10

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1	Stapellauf (m) launching lancement (m)	спускъ (m) на воду [со стапеля] varo (m) botadura (f), lanzamiento (m)
2	vom Stapel laufen (v) to slide from the stocks faire (v) lance	сойти на воду со стапеля discendere (v) dal cantiere nell'acqua deslizar (v) sobre la grada
3	vom Stapel lassen (v) to launch lancer (v)	спустить на воду со стапеля varare (v) lanzar (v), botar (v) al agua
4	Probefahrt (f) trial ride essai (m), parcours (m) de garantie	испытаніе (n); проба (f) corsa (f) di prova, corsa (f) dopo il varo recorrido (m) de prueba
5	Knoten (m), Seemeile (f) knot, sea mile noeud (m), mille (m) marin	узелъ (m); морская миля (f) nodo (m), miglio (m) marino milla (f) marina, nudo (m)
6	Steuerfähigkeit (f) ease of steering (the ship answers well to the helm) obéissance (f) au gouvernail	поворотливость (f); послушность (f) рулю obbedienza (f) al timone obediencia (f) al timón
7	Kurs (m) course route (f)	курсъ (m) corso (m), rotta (f) rumbo (m), derrota (f)
8	Kurs halten (v) to hold a course maintenir (v) la route	лежать на курсѣ: лечь на курсъ; держать курсъ tenersi (v) in corsa, tener (v) la rotta, governare (v) dritto mantener (v) *ó* conservar (v) *o* seguir (v) el rumbo *ó* la derrota
9	das Boot hält schlecht Kurs the boat makes leeway le bateau ne maintient pas sa route	лодка (f) плохо держится на курсѣ; лодка рыскаетъ на курсѣ il battello tiene corsa sbagliata *o* governa male el barco no conserva el rumbo *ó* la derrota
10	Steuerer (m), Steuermann (m) steersman, man at the wheel barreur (m), homme (m) à la barre, timonier (m)	рулевой (m); штурманъ (m) timoniere (m) patrón (m), timonel (m)

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steuern (v), das Steuer führen (v)
to steer
diriger (v), barrer (v), tenir (v) le gouvernail

рулить; управлять рулёмъ
governare (v), dirigere (v) la rotta
patronear (v), llevar (v) el timón
1

Wenden (n), Drehung (f), Wendung (f)
turning, swinging round, veering
virage (m) de bord

поворотъ (m); поворачиваніе (n)
virare (v) di bordo, viramento (m)
el virar de bordo
2

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nach Steuerbord (Backbord) wenden (v)
to veer *or* go to starboard (port)
virer (v) de bord vers la droite (la gauche)

повернуть направо (налѣво)
virare (v) sulla dritta *o* barra a destra (a sinistra)
virar (v) de bordo á derecha
3

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nach Steuerbord abfallen (v)
to cast to starboard
abattre (v) sur tribord, tomber (v) sur un bord

уклониться вправо
abbattere (v) a destra, portarsi (v) a dritta
abatir (v) sobre estribor, caer (v) hácia sotavento
4

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eine hohe Geschwindigkeit entwickeln (v) *oder* erreichen (v)
to attain to a high speed
atteindre (v) *ou* développer (v) une grande vitesse

развить большую скорость
raggiungere (v) una grande velocità
alcanzar (v) una gran velocidad
5

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stoppen (v)
to stop
stopper (v), arrêter (v)

застопорить
fermarsi (v), fermare (v) la macchina
parar (v)
6

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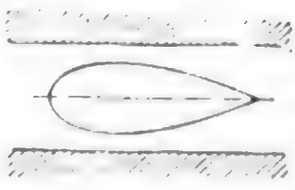
enges Fahrwasser (n)
narrow water way *or* channel, narrow fair way
passe (f) étroite



узкій фарватеръ (m)
passaggio (m) stretto
paso (m) estrecho
7

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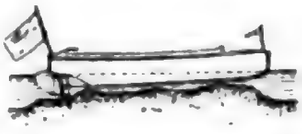
verkrautetes Fahrwasser (n)
channel full of weeds
eau (f) envahie par les algues

заросшій фарватеръ
acqua (f) piena di alghe *o* di fuco (di mare)
agua (f) invadida por las algas
8

Grundberührung (f)
grounding, touching bottom
action (f) de toucher le fond, échouage (m)



прикосновеніе (n) къ грунту
toccare (v) il fondo
el tocar el fondo, rozamiento (m) con el fondo, varada (f), embarrancarse (v)
9

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1	Treibholz (n) driftwood bois (m) flotté	плывущее дерево (n) legno (m) galleggiante madera (f) flotante
2	Binnengewässer (n) inland water [eaux (f pl) d'un] bassin (m) *ou* [d'une] baie (f)	внутреннія воды (f pl) bacino (m) interno [aguas (f pl) de una] bahía (f), entrada (f) de mar en costa
3	Binnensee (m) (inland) lake mer (f) intérieure, lac (m)	озеро (n) mare (m) interno, lago (m) di terraferma mar (f) interior, lago (m)
4	Seefahrt (f) sea cruise voyage (m) *ou* excursion (f) en mer, croisière (f)	мореплаваніе (n); мореходство (n) gita (f) per mare viaje (m) *ó* excursión (f) por mar, crucero (m)
5	Küstenfahrt (f) (große, kleine) coasting cruise (long, short) cabotage (m)	каботажное плаваніе (n) (дальное, прибережное) gita (f) costiera, corsa (f) di cabottaggio cabotaje (m) (grande *ó* pequeño)
6	[offene] See (f) [open] sea, high sea haute mer (f), pleine mer (f)	открытое море (n) alto mare (m) alta mar (f)
7	Seefähigkeit (f) Seetüchtigkeit (f) sea-worthiness navigabilité (f)	мореходность (f): мореходная способность (f) modo (m) di tenere il mare, navigabilità (f) navegabilidad (f)
8	zur See afloat sur mer, en mer	на морѣ sul mare, in mare en la mar
9	seetüchtig (adj), seefähig (adj) sea-worthy (adj) navigable (adj)	мореходный in istato di navigabilità navegable (adj)
10	Seeigenschaften (f pl) sea-worthiness qualités (f pl) pour naviguer en haute mer	мореходныя *или* морскія качества (n pl) qualità (f pl) nautiche navegabilidad (f) del barco sobre alta mar
11	Schönwetterboot (n) fairweather boat canot (m) d'eau calme	лодка (f), годная только для плаванія при тихой погодѣ battello (m) per bel tempo bote (m) para aguas tranquilas
12	ruhiges Wasser (n) smooth *or* calm water eau (f) calme	спокойная *или* тихая вода (f) acqua (f) tranquilla *o* liscia *o* calma agua (f) tranquila

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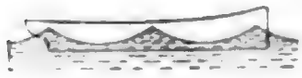
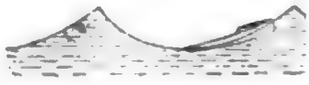
ewegtes Wasser (n) ough water au (f) agitée		волненіе (n); взволнованное море (n) acqua (f) agitata, mare (m) mosso agua (f) agitada	1
Welle (f), Woge (f) Wave lame (f), onde (f)		волна (f) onda (f), cavallone (m) ola (f)	2
eegang (m) eaway gitation (f) de la mer, vagues (f pl), lames (f pl), levée (f) de la mer		волненіе (n) marosi (m pl) agitación (f) del mar	3
Dünung (f) swell houle (f)		зыбь (f) levata (f) del mare, ondulazione (f) oleaje (m)	4
hoher Seegang (m), schwere *oder* starke See (f) rough sea, heavy sea grosse mer (f), mer (f) très agitée		сильное волненіе (n) mare (m) agitato *o* grosso mar (f) gruesa	5
Schaumköpfe (m pl) der Wellen white caps, white horses, white crests crêtes (f pl) écumantes des lames		гребни (m pl) волнъ; барашки (f pl) creste (f pl) *o* cima (f) delle onde cresta (f) de una ola	6
Spritzwasser (n), Gischt (f) spray embrun (m), poussière (f) d'eau		брызги (m pl) schiuma (f) d'acqua rocío (m) de mar	7
überkommendes Wasser (n), überkommende See (f) sea breaking over (the boat) lame (f) passant au dessus du pont, coup (m) de mer		вкатывающаяся на судно *или* черезъ бортъ вода (f) marosi (m pl) inondanti il ponte ola (f) que pasa por encima de la cubierta, golpe (m) de mar	8
Brecher (m), Brechsee (f) breaker, billow mer (f) dure, coup (m) de mer		волны (f pl) съ разсыпающимися гребнями frangente (m), colpo (m) di mare mar (f) dura, golpe (m) de mar	9
Brandung (f) surf, breakers brisants (m pl)		прибой (m) frangente (m) rompientes (m pl)	10

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1 voll [Wasser] schlagen (v) (Boot)
to fill *or* swamp (the boat)
embarquer (v) de l'eau, se remplir (v) d'eau

быть залитымъ водою [лодка (f)]
imbarcare (v) acqua
embarcar (v) un golpe de mar

2 Stampfen (n), Stampfbewegungen (f pl)
punching, pitching
tangage (m)

килевая качка (f) на волнѣ
beccheggio (m)
cabezada (f)

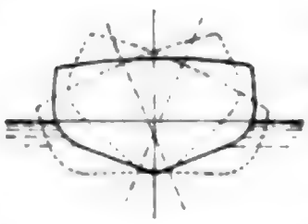
3 stampfen (v)
to pitch
tanguer (v)

имѣть килевую качку
beccheggiare (v)
cabecear (v)

4 gieren (v)
to shear, to yaw
embarder (v), roder (v)

катиться; рыскать
straorzare (v), guinare (v)
dar (v) guiñadas

5 schlingern (v)
to roll
rouler (v)

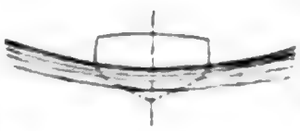


имѣть боковую качку
rollare (v)
balancear (v)

6 Schlingern (n), Schlingerbewegungen (f pl)
rolling, roll
roulis (m)

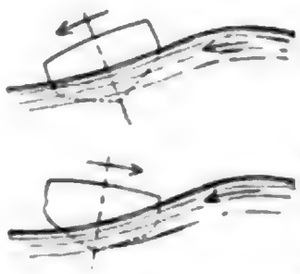
боковая *или* бортовая качка (f)
rollio (m)
balances (m pl)

7 Setzen (n) des Bootes
rising and falling of the boat, sending
plongée (f) et montée (f) du bateau sur la lame



боковая качка (f) на волнѣ
tuffo (m)
el subir y descender del bote sobre las olas

8 rollen (v)
to roll
rouler (v)



имѣть сложное движеніе при боковой качкѣ на волнѣ
rollare (v)
balancear (v)

9 setzen (v) (Boot)
to rise and fall, to send
plonger (v)

имѣть боковую качку на волнѣ
tuffarsi (v), immergersi (v)
arfar (v)

10 Rollen (n), Rollbewegungen (f pl)
roll, rolling motion
roulis (m)

сложное движеніе (n) судна при боковой качкѣ на волнѣ
rollio (m), movimento (m) di rollio
balance (m)

11 Leck (n)
leak
voie (f) d'eau

a

течь (f); пробоина (f)
falla (f), via (f) d'acqua
via (f) de agua

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Leckwerden (n), Leckage (f)
the springing of a leak
formation (f) d'une voie d'eau, coulage (m)

полученіе (n) течи; течь (f)
formazione (f) d'una falla
formación (f) de una via de agua
1

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leck werden (v), leck springen (v)
to spring a leak, to become leaky
contracter (v) une voie d'eau

получить течь *или* пробоину
aprirsi (v) una falla, verificarsi (v) una falla
aparecer (v) una via de agua
2

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lecken (v), leck sein (v), undicht sein (v)
to leak
faire (v) eau

течь; имѣть течь
fare (v) acqua, spandere (v)
hacer (v) agua
3

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wegsacken (v), [ver]sinken (v)
to settle, to sink, to founder
sombrer (v), couler (v) à fond

погружаться, [по]тонуть
affondare (v), sommergersi (v), passare (v) a picco, colare (v) a fondo
irse (v) á pique
4

Brise (f)
breeze
brise (f), frais (m)

бризъ (m)
brezza (f)
brisa (f)
5

---

vor dem Winde
before the wind
vent arrière *ou* en poupe

попутнымъ вѣтромъ; фордевиндомъ
vento in poppa
viento en popa
6

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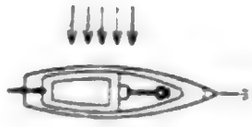
am Winde
close to the wind, near the wind, closehauled
vent de travers



въ бейдевиндъ
al vento
viento de través
7

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anlegen (v), landen (v)
to lie alongside, to land, to lay up
venir (v) bord à bord, aborder (v), accoster (v)

причалить; пристать къ берегу
approdare (v), atterrare (v), sbarcare (v), accostarsi (v)
venir (v) al costado, venir (v) bordo con bordo
8

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ankern (v), vor Anker gehen (v)
to anchor, to ride at anchor
mouiller (v), ancrer (v)

стать на якорь; бросить якорь
ancorarsi (v), dare (v) fondo
fondear (v)
9

Landungssteg (m)
jetty
planche (f) à débarquer, passerelle (f)

пристань (f); мостки (m pl)
palancola (f), ponte (m), passavanti (m)
plancha (f) para desembarcar
10

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1	Motorbootrennen (n) motor boat race course (f) de canots automobiles	гонка (f) моторныхъ лодокъ corsa (f) di imbarcazioni automobili *o* di autoscafi carrera (f) de botes automóviles
2	Vermessung (f) measurement mesurage (m), prise (f) des mesures	обмѣръ (m) misura (f), stazzatura (f), misurazione (f) medición (f)
3	Meßformel (f), Vermessungsregel (f) measurement rules formule (f) *ou* régle (f) de mesurage	правило (n) обмѣра regola (f) di stazzatura, formola (f) di misurazione fórmula (f) *ó* regla (f) de medición
4	Vergütungstabelle (f) handicapping table, table of time allowances tableau (m) de compensation	таблица (f) учёта времени tavola (f) di compensazione, tavola (f) d'indennizzo cuadro (m) de compensación
5	Rennwert (m) rate, racing value, points valeur (f) comme canot de course	баллъ (m) [классъ] гоночной силы valore (m) dal punto di vista delle corse valor (m) bajo el punto de vista de las carreras
6	Kreuzerbestimmungen (f pl), Normen (f pl) für Kreuzer rules *or* conditions for cruiser rating normes (f pl) pour cruisers *ou* bateaux de croisières	нормы (f pl) для крейсеровъ norme (f pl) per navi da crociera reglas (f pl) para barcos de crucero
7	in Klassen einteilen (v), klassifizieren (v) to classify, to rate, to divide into classes classer (v)	разбить на классы *или* на разряды; классифицировать classificare (v) clasificar (v)
8	Klasseneinteilung (f) (Typ) rating subdivision (f) en classes	раздѣленіе (n) на классы *или* на разряды classificazione (f) subdivisión (f) en clases
9	Klassifikation (f), (Bauweise) classification classification (f)	классификація (f) classificazione (f) della nave clasificación (f)
10	Klasse (f) rating, class classe (f)	классъ (m); разрядъ (m) classe (f) clase (f)
11	Kreuzerklasse (f) cruiser class classe (f) des cruisers	классъ (m) крейсеровъ classe (f) degli incrociatori clase (f) de los barcos de crucero

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Baubestimmungen (f pl)
conditions for build of hull
normes (f pl) *ou* stipulations (f pl) pour la construction

правила (n pl) постройки
norme (f pl) per la costruzione *1*
reglas (f pl) *ó* estipulaciones (f pl) para la construcción

Wendeboje (f)
turning point *or* buoy
bouée (f) de virage

поворотный буй (m); знакъ (m)
boa (f) ove si vira di bordo *2*
boya (f) de virada

XVII.

Motorluftschiffahrt, Luftschiffahrt

Navigation by Airship, Airship Navigation

Navigation aérienne par dirigeables, aérostation

Моторное воздухоплаваніе

Navigazione aerea dirigibile

Navegación aérea por medio de dirigibles, aerostación

---

1 Luftschiff (n), Motorluftschiff (n), lenkbarer Ballon (m), Lenkballon (m)
airship, dirigible balloon, motor driven airship
ballon (m), aérostat (m), ballon (m) dirigeable, dirigeable (m), ballon (m) à moteur, aéronat (m)

управляемый аэростатъ (m); аэростатъ съ моторомъ; моторный аэростатъ; дирижабль (m)
dirigibile (m), pallone (m) a motore, aeronave (f)
globo (m), aerostato (m), globo (m) dirigible, dirigible (m)

---

2 Gestalt (f) des Luftschiffes
shape of the airship
forme (f) du ballon

фигура (f) аэростата: форма (f) аэростата
forma (f) del pallone
forma (f) del globo

---

3 zylindrischer Gaskörper (m), zylindrische Gashülle (f)
cylindrical gas bag *or* envelope
ballon (m) cylindrique (allongé)

цилиндрическій баллонъ (m)
pallone (m) di forma cilindrica, involucro (m) allungato *o* cilindrico
globo (m) cilindrico (alargado)

---

4 torpedoförmiger Gaskörper (m)
torpedo shaped gas bag
ballon (m) en forme de torpille

торпедовидный баллонъ (m)
involucro (m) torpediforme
globo (m) en forma de torpedo

---

5 fischförmiger Gaskörper (m)
fish shaped gas bag
ballon (m) en forme de poisson *ou* pisciforme

рыбовидный баллонъ (m)
pallone (m) a forma di pesce, involucro (m) pesciforme
globo (m) en forma de pez

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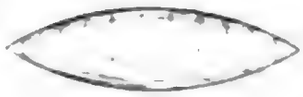
linsenförmiger *oder* elliptischer Gaskörper (m)
lozenge *or* lenticular *or* elliptical gas-bag
ballon (m) à pointes ogivales, ballon (m) fusiforme

чечевицеобразный баллонъ (m); баллонъ эллиптической формы
involucro (m) lenticolare, involucro (m) ellittico
globo (m) lenticular



1

Bug (m)
bow, prow
avant (m) [du ballon], proue (f) [du ballon], pointe (f) saillante du ballon

носовая часть (f); носъ (m)
prua (f)
parte (f) delantera [del globo], proa (f) [del globo]

2

Heck (n)
stern, counter
arrière (m) [du ballon], poupe (f) du ballon

корма (f)
poppa (f)
parte (f) posteriore [del globo], popa (f) [del globo]

3

---

halbkugelige Spitze (f), halbkugeliges Ende (n)
hemispherical end
extrémité (f) hémisphérique, calotte (f) sphérique

полушаровой конецъ (m)
punta (f) emisferica, estremità (f) emisferica
extremidad (f) hemisférica

4

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zigarrenförmige Spitze (f), ogivales Ende (n) [ogival point] torpedo nose, cigar shaped point
pointe (f) en forme de cigare *ou* ovigale

оживально заостренный конецъ (m)
punta (f) ogivale, estremità (f) ogivale
extremidad (f) ogival ó en forma de cigarro

5

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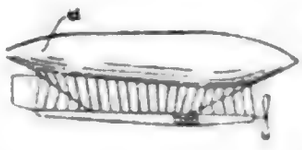
kegelig verlaufendes Ende (n), eingezogene Spitze (f), eingezogenes Ende (n)
conical end
pointe (f) *ou* extrémité (f) conique

конический конецъ (m)
punta (f) conica, estremità (f) conica, punta (f) assottigliantesi
extremidad (f) cónica ó puntiaguda



6

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sich verjüngen (v)
to diminish (in diameter), to taper
aller (v) en diminuant de diamètre

утончаться
andare (v) rastremandosi
adelgazarse (v)

7

Hülle, Gashülle
Envelope
Enveloppe, coque

Оболочка; баллонъ
Involucro
Envolvente, casco

8

Gaszelle (f)
gas cell *or* chamber
chambre (f) à gaz, compartiment (m) de ballon

газовая камера (f)
cella (f) da gas
cámara (f) de gas

9

Ballonstoff (m)
balloon envelope material *or* fabric
étoffe (f) à ballon

матерія (f) для баллона
stoffa (f) da pallone
tela (f) para globo

10

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1	Baumwollenstoff (m) cotton fabric *or* stuff étoffe (f) de coton	хлопчатобумажная матерія (f) *или* ткань (f) stoffa (f) di cotone, percalle (m) tela (f) *ó* tejido (m) de algodón
2	Perkalstoff (m) percal percale (f)	перкаль (f); миткаль (f); перкалевая матерія (f) tessuto (m) di percalle percal (m)
3	einfacher Stoff (m), einfacher gummierter Stoff (m) single ply *or* ordinary gummed *or* rubbered (A) material étoffe (f) simple, étoffe (f) simple caoutchoutée	ординарная матерія (f); однослойная ткань (f); ординарная прорезиненная ткань stoffa (f) semplice, stoffa (f) gommata semplice tela (f) sencilla, tela (f) sencilla encauchada
4	doppelter Stoff (m), doppelter gummierter Stoff (m), dublierter Stoff (m) double ply *or* double rubbered material étoffe (f) double, étoffe (f) double caoutchoutée	двуслойная матерія (f) *или* ткань (f); двойная прорезиненная ткань (f) stoffa (f) doppia, stoffa (f) gommata doppia tela (f) doble, tela (f) doble encauchada
5	Diagonalstoff (m) diagonal cloth étoffe (f) croisée *ou* diagonale	діагональная матерія (f) *или* ткань (f) stoffa (f) diagonale tela (f) cruzada
6	gummierter Baumwollenstoff (m) waterproofed cloth [étoffe (f) de] coton (m) imperméable	прорезиненная хлопчатобумажная матерія (f) *или* ткань (f) stoffa (f) di cotone gommata [tela (f) de] algodón (m) impermeabilizado *ó* engomado
7	Firnis (m) varnish vernis (m)	лакъ (m) vernice (f) barniz (m)
8	gefirnißter Ballonstoff (m) varnished envelope cloth étoffe (f) de ballon vernissée	лакированная матерія (f) для баллона stoffa (f) da pallone verniciata tela (f) de globo barnizada
9	Seidenstoff (m), Ballonseide (f) silk cloth, balloon silk étoffe (f) de soie, soie (f) pour ballons	шёлковая матерія (f) *или* ткань (f) seta (f) da pallone tejido (m) de seda [para globos]

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vulkanisierte Gummilage (f) layer of vulcanised indiarubber couche (f) de caoutchouc vulcanisé		вулканиз[ир]ованный резиновый слой (m) strato (m) di gomma vulcanizzato capa (f) de caucho vulcanizado	1
gummierte Zwischenlage (f) rubber *or* waterproofed intermediate layer *or* interlining pellicule (f) *ou* couche (f) intermédiaire de caoutchouc		резиновая прослойка (f) strato (m) intermediario gommato película (f) intermediaria de caucho	2
Goldschlägerhaut (f) goldbeater's skin baudruche (f)		бодрюшъ (m); плевка (f); шкурка (f) золотобойца scacciata (f) tripa (f) de buey	3
Stoffbahn (f) run of the cloth fuseau (m) d'étoffe, pan (m) *ou* panneau (m) *ou* lé (m) d'une étoffe, bande (f) d'étoffe		полотнище (n) матеріи *или* ткани telo (m) della stoffa paño (m) *ó* faja (f) *ó* tira (f) de una tela	4
Längsbahn (f) longitudinal run of the material bande (f) longitudinale, fuseau (m) longitudinal	a a a	продольное полотнище (n) telo (m) longitudinale paño (m) longitudinal, faja (f) longitudinal	5
Querbahn (f) transversal run of the material bande (f) transversale	a a	поперечное полотнище (n) telo (m) trasversale faja (f) transversal	6
Längsnaht (f) longitudinal seam couture (f) en long	a a a	продольный шовъ (m) cucitura (f) longitudinale costura (f) á lo largo	7
Quernaht (f) transversal seam couture (f) en travers	a a a	поперечный шовъ (m) cucitura (f) trasversale costura (f) transversal	8
Stoffstreifen (m) strip of material raie (f) *ou* bande (f) d'étoffe		полоса (f) матеріи *или* ткани striscia (f) di stoffa raya (f) *ó* tira (f) de tela	9
Klebestreifen (m) sticking strip ruban (m) de fixage, bande (f) à coller		полоса (f) склейки striscia (f) gommata cinta (f) de pegar *ó* de sujeción	10

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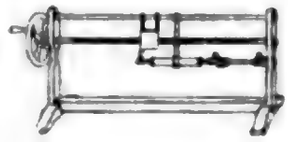
1	Stoffscheibe (f) circular piece of cloth rondelle (f) d'étoffe	круглый лоскутъ (m) матеріи *или* ткани disco (m) di stoffa disco (m) de tela
2	Reißlänge (f) tearing *or* ripping length longueur (f) de déchirure	длина (f) разрыва fodrina (f) di strappo tira (f) de la tela desgarrada, longitud (f) del desgarro
3	Nahtdichtung (f) making tight *or* gas-tight imperméabilisation (f)	газонепроницаемая обдѣлка (f) reimpermeabilizzazione (f) impermeabilización (f)
4	Kautschuk (m) gutta percha caoutchouc (f), gutta-percha (f)	каучукъ (m); резина (f) caucciù (m) caucho (m), gutapercha (f)
5	Paragummi (m) Para rubber gomme (f) para *ou* du Para	пара-каучукъ (m); пара-гумми (n) gomma (f) Para goma (f) de Pará
6	Platzen (n) des Gasballons bursting of the balloon éclatement (m) du ballon	лопаніе (n) *или* разрывъ (m) баллона [отъ увеличенія давленія] scoppio (m) del pallone explosión (f) del globo
7	Platzhöhe (f) bursting altitude hauteur (f) d'éclatement, altitude (f) de rupture	высота (f), на которой лопнетъ баллонъ altezza (f) di scoppio altura (f) *ó* altitud (f) de explosión
8	Bruchfestigkeit (f) tensile strength résistance (f) à la rupture	сопротивленіе (n) разрыву; прочность (f) на разрывъ resistenza (f) alla rottura resistencia (f) á la ruptura
9	Zerreißfestigkeit (f), Reißfestigkeit (f) resistance to ripping *or* tearing résistance (f) à la déchirure	сопротивленіе (n) разрыву; прочность (f) на разрывъ resistenza (f) allo strappamento *o* allo stracciamento resistencia (f) al desgarramiento
10	Apparat (m) zum Prüfen des Ballonstoffes auf Reißfestigkeit, Zerreißmaschine (f) apparatus for testing the strength of balloon material *or* fabric appareil (m) à essayer la résistance [à la déchirure] des étoffes à ballon	приборъ (m) *или* аппаратъ (m) для испытанія баллонныхъ тканей на разрывъ apparecchio (m) per la prova della stoffa da pallone allo stracciamento *o* allo strappamento aparato (m) para medir la resistencia [al desgarramiento] de las telas de globos



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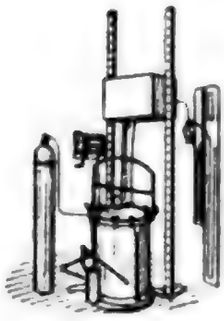
Apparat (m) zum Prüfen des Ballonstoffes auf Durchlässigkeit und Festigkeit, Zerplatzmaschine (f), Druckprüfungsmaschine (f)
apparatus for testing the permeability of balloon material
appareil (m) pour essayer l'imperméabilité des étoffes à ballon



приборъ (m) *или* аппаратъ (m) для испытанія баллонныхъ тканей на непроницаемость
apparecchio (m) per la prova della stoffa da pallone all'impermeabilità *1*
aparato (m) para medir la impermeabilidad de las telas de globos

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Kubikinhalt (m) des Ballons
cubic contents *or* cubic *or* volumetric capacity of the balloon
cube (m) *ou* capacité (f) du ballon

кубическое содержаніе (n) баллона; ёмкость (f) баллона
volume (m) *o* capacità (f) *o* cubatura (f) del pallone *2*
cubo (m) *ó* capacidad (f) del globo

Gasraum (m)
gas space
espace (m) réservé au gaz, chambre (f) à gaz

объёмъ (m) газа
camera (f) del gas
espacio (m) reservado al gas *3*

Schutzfärbung (f) der Gashülle
protective colouring of the gas envelope
teinture (f) de l'enveloppe du ballon

предохранительная окраска (f) оболочки баллона
intonaco (m) di protezione dell'involucro *4*
tintura (f) para la envolvente del globo

Gelbfärbung (f) der Ballonhülle
dying the envelope yellow
teinture (f) jaune de l'enveloppe du ballon

окрашиваніе (n) въ жёлтый цвѣтъ оболочки баллона
intonaco (m) giallo dell'involucro *5*
tintura (f) amarilla de la envolvente del globo

Chromgelb (n)
chrome yellow
jaune (m) de chrome

хромовая жёлтая краска (f)
giallo-cromo (m) *6*
amarillo (m) de cromo

Anilinfarbstoff (m)
aniline dye
teinture (f) à base d'aniline

анилиновый пигментъ (m)
intonaco (m) all'anilina *7*
tintura (f) de anilina

Ballonzubehör

Balloon Accessories *or* Fittings

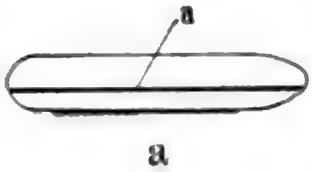
Accessoires du ballon

Принадлежности баллона

Accessori per pallone *8*

Accesorios del globo

Ballongurt (m), Tragegurt (m)
ropework, carrier ropes, belt, girdle
ralingue (f)



поясъ (m) баллона; подвѣсный поясъ
cerchio (m) di pallone, cerchio (m) di carico *o* di sospensione *9*
ceñidor (m) de suspensión (de la red)

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1 Hemd (n), Netzhemd (n), Netz (n)
netting
chemise (f)

сѣть (f); сѣтка (f)
camicia (f) a rete
camisa (f)

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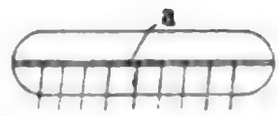
2 Äquatorgurt (m)
equatorial belt
ralingue (f) *ou* ligne (f) dans le plan équatorial



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экваторіальный поясъ (m); экваторіальная подвѣска (f)
cerchio (m) equatoriale
ceñidor (m) ecuatorial

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3 Schlaufe (f)
runner, running noose (martingale [harness])
nœud (m) coulant

коушъ (m)
occhiello (m)
nudo (m) corredizo

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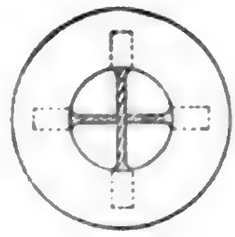
4 Kreuzschlaufe (f)
cross loop
nœud (m) de vache, nœud (m) croisé



крестовидный коушъ (m)
occhiello (m) a croce, occhiello (m) incrociato
nudo (m) en cruz

---

5 italienischer Hanf (m)
italian hemp
chanvre (m) d'Italie

итальянская пенька (f)
canapa (f) italiana
cáñamo (m) italiano

---

6 Hanfleine (f)
hemp line *or* rope
corde (f) *ou* câble (m) de chanvre

льняной шнуръ (m); льняная верёвка (f)
corda (f) di canapa, fune (f) di canapa
cuerda (f) *ó* cable (m) de cáñamo

---

7 Baumwollenleine (f)
cotton line *or* rope
corde (f) *ou* câble (m) de coton

хлопчатобумажный шнуръ (m); хлопчатобумажная верёвка (f)
corda (f) di cotone
cuerda (f) *ó* cable (m) de [hilo de] algodón

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8 geklöppelte *oder* geflochtene Leine (f)
braided *or* plaited line
corde (f) tressée, drisse (f)

плетёный шнуръ (m); плетёная верёвка (f)
corda (f) intrecciata
cuerda (f) trenzada

---

9 gedrehte *oder* geschlagene Leine (f)
braid rope
corde (f) en fils tordus *ou* à torons

кручёный шнуръ (m): кручёная верёвка (f)
corda (f) ritorta
cuerda (f) de hilos torcidos, torzadillo (m)

---

10 Drahtseil (n)
wire rope
cordage (m) d'acier

стальной тросъ (m) *или* канатъ (m)
corda (f) *o* fune (f) d'acciaio
cuerda (f) de acero

---

11 Stahlkabel (n)
steel cable
câble (m) d'acier

стальной кабель (m) *или* канатъ (m)
cavo (m) d'acciaio
cable (m) de acero

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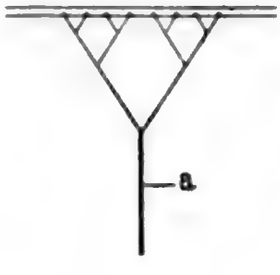
›elschloß (n) le shackle illons (m pl) de liai- ›n des câbles, manil- ›s (f pl) d'assemblage		кабельный замокъ (m) serrafune (m), attacco (m) per cavi, maglia (f) di unione eslabones (m pl) de enlace para cables	*1*
ınnschloß (n) ging screw, tension hackle deur (m)		стяжной замокъ (m); стяжка (f) attacco (m) tenditore, tenditore (m) tensor (m)	*2*
ıgverbindung (f) für ïänsefüße ›s *or* rings for lacing ilet (m) de liaison des ›attes d'oie, anneau m) pour le laçage		соединительное кольцо (n) для спусковъ *или* для гусиныхъ лапокъ anello (m) d'unione per piedi d'oca anillo (m) de enlace de las patas de ganso, anillo (m) de atar los lazos	*3*
nsefuß (m) ›ing tte (f) d'oie, lacet (m)	a	спускъ (m); гусиная лапка (f) piede (m) d'oca pata (f) de ganso, lazo (m)	*4*
ıfhängung (f) spension spension (f)		подвѣска (f) sospensione (f) suspensión (f)	*5*
inensystem (n) ïging éement (m), suspentes (f pl)		веревочная система (f); верёвочная подвѣска (f) sartiame (m) aparejo (m)	*6*
ıslaufleine (f) ain line .spente (f)	a	стропъ (m); подвѣсный стропъ corda (f) di sospensione cuerda (f) de suspensión	*7*
ıkelung (f) .ckle ansfil (m), apparaux (m pl)		остропка (f) legatura (f) di cima falcaceadura (f)	*8*
alt[e]leine (f) fe line ›rde (f) de manœuvre		оттяжка (f); вспомогательный стропъ (m); поясная верёвка (f) gomena (f), corda (f) d'arresto cuerda (f) de maniobra	*9*
trop (m), Stropp (m) .ing lingue (f)		стропъ (m) stroppo (m), stroppolo (m) gaza (f), eslinga (f)	*10*
'rosse (f) awser, warp, tow rope lin (m), grelin (m)		тросъ (m) gherlino (m) beta (f), calabrote (m)	*11*

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1	Spliß (m), Spleiß (m) splice épissure (f)	сростокъ (m); сплетёное мѣсто (n) [мѣсто сплетенія двухъ концовъ каната] intrecciatura (f) empalme (m) [de hilos por torsión]
2	spleißen (v), splißen (v) to splice épisser (v), faire (v) une épissure	сращивать intrecciare (v) empalmar (v) los chicotes de dos cabos
3	Masche (f) mesh maille (f)	клѣтка (f) maglia (f) malla (f)
4	Netzknoten (m) netting knot nœud (m) de filet	сѣтевой узелъ (m) nodo (m) di rete nudo (m) de la red
5	Knebel (m) toggle cabillot (m)	костыль (m); костылёкъ (m) cavigliotto (m), rocchetto (m) cazonete (m)
6	anknebeln (v) to join up *or* to lace up *or* to fasten up with a becket bridle fixer (v) au moyen de cabillots	продѣть костыли въ петли; застегнуть костыли attaccare (v) i rocchetti fijar (v) por medio de cazonetes
7	abknebeln (v) to unmesh détacher (v) les cabillots	отстегнуть костыли staccare (v) i rocchetti desatar (v) los cazonetes
8	angliedern (v) to join on, to connect attacher (v), unir (v), lacer (v), lier (v)	прицѣпить; прикрѣпить unire (v), connettere (v) atar (v), enlazar (v), ligar (v)
9	Kausche (f), Kausch (f) thimble cosse (f)	коушъ (m) rosetta (f), radancia (f) anillo (m) de gaza
10	Herzkausche (f) heart shaped thimble cosse (f) en forme de cœur	сердцевидный коушъ (m); серьга (f) rosetta (f) a forma di cuore anillo (m) de gaza en forma de corazón

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Ringkausche (f)
[eyelet] thimble
cosse (f) annulaire

кольцевой коушъ (m)
rosetta (f) rotonda *o* anulare
anillo (m) de gaza *1*

Seilkausche (f)
grummet thimble
cosse (f) pour cordages

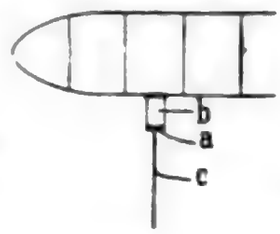
канатный коушъ (m)
rosetta (f) per cordami
gaza (f) para cabo *2*

Holzkausche (f)
wooden thimble
cosse (f) en bois

деревянный коушъ (m)
rosetta (f) di legno
anillo (m) de gaza de madera *3*

Pockholzkausche (f)
thimble of lignum vitae
cosse (f) en gaïac

бакаутовый коушъ (m)
rosetta (f) di guaiaco
anillo (m) de gaza de madera de guayaco *4*



Füllöffnung (f)
inlet for inflating
manche (f), ouverture (f) *ou* orifice (m) de gonflement

отверстіе (n) для наполненія
apertura (f) di gonfiamento
abertura (f) *ó* válvula (f) de inflación, boca (f) de llenar *5*

---

a

Füllansatz (m), Appendix (m)
inlet fitting
appendice (m), manche (f) de remplissage

b

придатокъ (m) для наполненія; аппендиксъ (m)
manicotto (m) di gonfiamento, appendice (f)
apéndice (m) *6*

Füllansatzleine (f)
rope to inlet fitting
corde (f) d'appendice

c

аппендиксовая уздечка (f); уздечка придатка
corda (f) del manicotto di gonfiamento
cuerda (f) del apéndice *7*

Füllansatzdeckel (m)
cap for inlet
soupape (f) *ou* clapet (m) d'appendice

крышка (f) *или* покрышка (f) для придатка, служащаго для наполненія
valvola (f) del manicotto di gonfiamento
válvula (f) de apéndice *8*

Überdruckventil (n)
safety valve
soupape (f) *ou* clapet (m) de sûreté

клапанъ (m) на случай избыточнаго давленія
valvola (f) di sopra-pressione
válvula (f) de seguridad *9*

Manövrierventil (n)
manœuvring valve
soupape(f) de manœuvre

[выпускной] клапанъ (m) для маневрированія
valvola (f) di manovra
válvula (f) *ó* sopapo (m) de maniobra *10*

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Umschaltventil (n)
change-over valve
1 clapet (m) *ou* soupape (f) de changement de direction (du gaz)

перекидной клапанъ (m); двухходовой клапанъ; клапанъ двойного дѣйствія
valvola (f) di cambiamento
válvula (f) de cambio de dirección (del gas)

Rückschlagventil (n)
2 check non-return valve
soupape (f) de retenue

клапанъ (m) обратнаго дѣйствія
valvola (f) di ritegno
válvula (f) de detención

Reißbahn (f)
ripping seam
3 panneau (m) *ou* volet (m) de déchirure

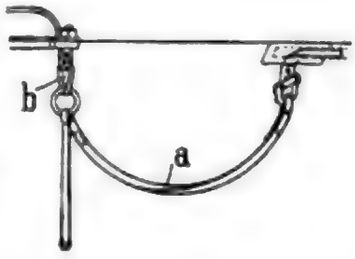
a

разрывное полотнище (n)
linea (f) di strappo
banda (f) de desgarro

Reißschlitz (m)
4 ripping slit
déchirure (f)

разрывная щель (f)
spaccatura (f) di strappo
desgarro (m)

Reißleine (f)
ripping line
5 corde (f) de miséricorde, corde (f) [du panneau de déchirure]



a

разрывная вожжа (f); разрывная верёвка (f)
cordone (m) di strappo
cuerda (f) de la banda de desgarro

Reißbahnknebel (m)
6 ripping toggle
cabillot (m) de déchirure

разрывной костыль (m) *или* костылёкъ (m)
rocchetto (m) del telo di strappo
cazonete (m) de desgarro

Reißbahnklinke (f), Reißklinke (f)
ripping lock bolt, lock for safety gear
7 verrou (m) *ou* clanche (f) *ou* enclanchement (m) du panneau de déchirure

b

разрывной ножъ (m)
nottolino (m) del telo di strappo
pestillo (m) *ó* trinquete (m) de la tira de desgarro

---

einklinken (v)
to bolt up, to latch, to lock
8 attacher (v) à la clanche, enclancher (v)

сцѣпить
attaccare (v) il cordone di strappo
atar (v) al trinquete

---

ausklinken (v)
to unlock
9 détacher (v) de la clanche élastique, déclancher (v)

расцѣпить
staccare (v) il cordone di strappo
soltar (v) del trinquete

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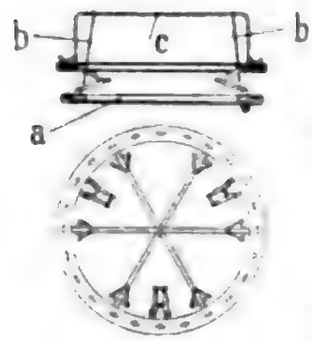

Ventil (n) valve clapet (m), soupape (f)		клапанъ (m) valvola (f) sopapo (m), válvula (f)	1
Ventilteller (m) valve head *or* shoulder volet (m) de soupape	a	тарелка (f) клапана; крышка (f) клапана disco (m) di chiusura della valvola plato (m) de válvula *ó* sopapo	2
Ventilfeder (f) valve spring ressort (m) de soupape	b	клапанная пружина (f) molla (f) della valvola resorte (m) de sopapo	3
Ventilbügel (m) bridge *or* stirrup of valve bride (f) de soupape	c	стяжное клапанное кольцо (n) staffa (f) della valvola brida (f) de sopapo	4
Tellerventil (n) disc valve soupape (f) à volet		тарелочный клапанъ (m) valvola (f) a disco sopapo (m) de plato	5
Klappenventil (n) flap valve clapet (m)		откидной *или* заслончатый клапанъ (m) valvola (f) a cerniera válvula (f) de charnela	6
Hebelventil (n) lever valve soupape (f) à levier		рычажный клапанъ (m) valvola (f) a leva sopapo (m) de palanca	7
Drosselklappe (f) throttle valve [soupape (f) à] papillon (m)		плоскій одностворчатый клапанъ (m) съ нажимомъ; предохранительный клапанъ valvola (f) a farfalla válvula (f) de mariposa	8
Windmaul (n) wind catch *or* sail manche (f) à vent, entrée (f) du vent		вѣтряное рыло (n); отверстіе (n) для улавливанія вѣтра bocca (f) d'aria entrada (f) del viento	9
Membran (f) membrane membrane (f)		мембрана (f); перепонка (f); перегородка (f) membrana (f) membrana (f)	10
Stabilität (f) stability stabilité (f)		устойчивость (f) stabilità (f) estabilidad (f)	11
Stabilität (f) der Längsachse stability of the longitudinal axis stabilité (f) [suivant l'axe] longitudinale		продольная устойчивость (f) stabilità (f) dell'asse longitudinale estabilidad (f) (en la dirección del eje) longitudinal	12

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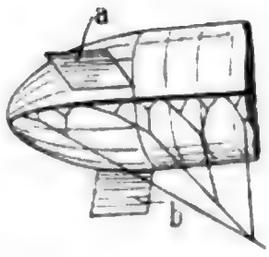
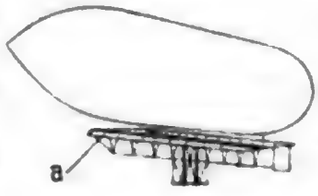
1	Stabilisierungsflächen (f pl), Beruhigungsflächen (f pl), Dämpfungsflächen (f pl) staying *or* steadying surfaces stabilisateur (m), plan (m) fixe	стабилизирующія плоскости (f pl); плоскости устойчивости; стабилизаторы (m pl); поверхности (f pl), успокаивающія качку (тангажъ); поверхности, тормозящія качку stabilizzatori (m pl), superfici (f pl) *o* piani (m pl) di stabilità estabilizador (m)
2	Horizontalfläche (f), horizontale Stabilisierungsfläche (f) horizontal steadying surface stabilisateur (m) horizontal, plan (m) fixe horizontal	горизонтальная поверхность (f); горизонтальная стабилизирующая поверхность (f) superficie (f) *o* piano (m) orizzontale estabilizador (m) horizontal, plano (m) fijo horizontal
3	Vertikalfläche (f), vertikale Stabilisierungsfläche (f) vertical steadying surface stabilisateur (m) vertical, plan (m) fixe vertical	вертикальная поверхность (f); вертикальная стабилизирующая поверхность superficie (f) *o* piano (m) verticale, piano (m) stabilizzatore verticale estabilizador (m) vertical, plano (m) fijo vertical
4	Befiederung (f) arrangement of wings, feathering empennage (m)	оперение (n) impennatura (f) órganos (m pl) estabilizadores, emplumadura (f)
5	Kiel (m), Laufgang (m) keel, keel strake poutre (f) armée, quille (f)	киль (m) carena (f), chiglia (f) viga (f) armada, barra (f) de suspension
6	stampfen (v) to pitch tanguer (v)	имѣть килевую качку; имѣть тангажъ beccheggiare (v) cabecear (v), arfar (v)
7	schlingern (v) to roll rouler (v)	имѣть боковую качку rollare (v) balancear (v)



a

b



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Steuervorrichtungen **Steering Apparatus** **Organes de direction**	**Рулевые органы** **Ordigni di direzione** **Aparatos de dirección**	*1*
itensteuer (n) rtical rudder (for azimuth steering) ouvernail (m) vertical *ou* azimutal [pour la direction dans un plan horizontal]	руль (m) направленія timone (m) di direzione orizzontale gobernillo (m) *ó* timón (m) [de dirección] lateral	*2*
öhensteuer (n) orizontal rudder (for altitude steering) ouvernail (m) horizontal *ou* d'altitude [pour la direction en hauteur]	рули (m pl) высоты; руль глубины timone (m) di profondità, timone (m) di elevazione *o* di altura gobernillo (m) *ó* timón (m) de dirección horizontal (de altura)	*3*
teuerrad (n) teering wheel olant (m) de direction	рулевое колесо (n); штурвалъ (m) ruota (f) del timone, volante (m) di direzione volante (m) de dirección	*4*
teuerhebel (m) iller, steering lever evier (m) de direction	рулевой рычагъ (m) leva (f) di direzione palanca (f) de dirección	*5*
Bugsteuer (n) ow rudder gouvernail (m) avant	передній руль (m); носовой руль timone (m) di prua gobernillo (m) *ó* timón (m) delantero *ó* de proa	*6*
Hecksteuer (n) stern rudder gouvernail (m) arrière	кормовой руль (m); задній руль timone (m) di poppa timón (m) *ó* gobernillo (m) de dirección de atrás *ó* de popa	*7*
Laufgewicht (n) sliding weight (for altering trim of ship) poids (m) mobile de réglage	передвижной грузъ (m) peso (m) mobile (regolatore dell'equilibrio orizzontale) peso (m) móvil de regulación	*8*
Laufwagen (m) carrier wagonnet (m) de réglage	передвижная телѣжка (f) carrello (m) regolatore dell'equilibrio orizzontale vagoneta (f) de regulación	*9*

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Ballonetsteuerung (f)
steering by means of small auxiliary balloons
1 compensation (f) *ou* équilibre (m) par ballonnet, ballonnet (m) compensateur

управленіе (n) баллонетомъ; баллонетъ-компенсаторъ (m)
direzione (f) a palloncini
compensación (f) ó equilibrio (m) por ballonet ó globito, globito (m) compensador

---

Jalousiesteuer (n), Kastensteuer (n)
rudder with vanes
2 gouvernail (m) (de profondeur) en jalousie *ou* en persiennes

руль (m) въ видѣ жалузи; этажерочный руль глубины
timone (m) a persiana
timón (m) de celosia

---

dynamische Höhensteuerung (f)
causing the machine to rise by developing more power, raising
3 *or* lowering the airship by propulsion
direction (f) en profondeur, équilibre (m) dynamique en altitude

динамическое управленіе (n) для подъёма; управленіе рулёмъ глубины
direzione (f) ascensionale dinamica
dirección (f) en sentido de la profundidad, equilibrio (m) dinámico de elevación

---

dynamisch aufwärtsfahren (v)
to drive the ship upwards by inclining from the horizontal
4 monter (v) en inclinant le ballon, monter (v) par variation de l'équilibre dynamique

динамическое передвиженіе (n) на подъёмъ; динамическое передвиженіе вперёдъ съ подъёмомъ; подъёмъ (m) рулемъ глубины
ascendere (v) dinamicamente
subir (v) modificando el equilibrio dinámico

---

dynamisch abwärtsfahren (v)
to drive the ship downwards (to a lower level *or* altitude) by inclining downwards
5 descendre (v) en inclinant le ballon, descendre (v) par variation de l'équilibre dynamique

динамическое передвиженіе (n) на сниженіе; динамическое передвиженіе вперёдъ и внизъ; опусканіе (n) рулёмъ глубины
discendere (v) dinamicamente
descender (v) modificando el equilibrio dinámico

---

dynamisch landen (v)
to allow the ship to glide down to its anchorage
6 permettre (v) au ballon de planer pour atterrir, atterrir (v) en variant l'équilibre dynamique

динамически спуститься на землю
prender (v) terra, atterrare (v), atterramento (m) dinamico
tomar (v) tierra modificando el equilibrio dinámico

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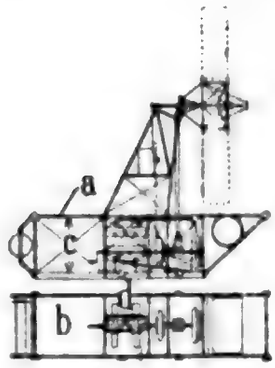
Gondel **Car** **Nacelle**		**Гондола** **Navicella, gondola** **Barquilla**	*1*
Gondelgestell (n) framework of the car bâti (m) de nacelle (f)	 **a**	остовъ (m) *или* каркасъ (m) гондолы ossatura (f) *od* intelaiatura (f) della navicella cuerpo (m) de góndola	*2*
Personenraum (m) space for the crew emplacement (m) pour l'équipage	b	помѣщеніе (n) для пассажировъ spazio (m) per i passeggeri *o* per gli aeronauti emplazamiento (m) para los viajeros	*3*
Bordhöhe (f) deck level hauteur (m) de l'appui	c	высота (f) борта; высота верхняго края гондолы altezza (f) di bordo altura (f) del antepecho	*4*
Motorraum (m) motor compartment espace (m) réservé au moteur, chambre (f) du moteur	d	помѣщеніе (n) для мотора spazio (m) pel motore espacio (m) reservado para el motor	*5*
Eßkorb (m), Proviantkorb (m) provision basket panier (m) de provisions		корзина (f) для провизіи paniere (m) delle vettovaglie, canestro (m) dei viveri cesta (f) de provisiones	*6*
Luftschraube, Propeller **Air Propeller** **Hélice, propulseur aérien**		**Пропеллеръ; воздушный винтъ** **Elica aerea (propulsore)** **Hélice, propulsor aéreo**	*7*
starre Schraube (f) rigid propeller *or* screw hélice (f) *ou* propulseur (m) rigide		жёсткій винтъ (m) elica (f) rigida hélice (f) rigida, propulsor (m) rigido	*8*
Holzschraube (f) wooden propeller *or* screw hélice (f) *ou* propulseur (m) en bois		деревянный винтъ (m) elica (f) di legno hélice (f) ó propulsor (m) de madera	*9*

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1 Metallschraube (f)
metal propeller
hélice (f) *ou* propulseur (m) métallique

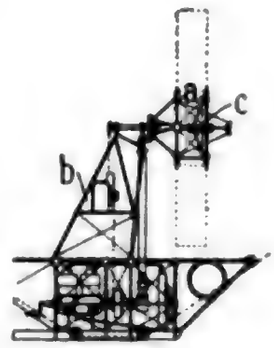
металлическій винтъ (m)
elica (f) metallica
hélice (f) *ó* propulsor (m) de metal

2 zweiflügelige Schraube (f)
two bladed propeller
hélice (f) à deux pales

двухлопастной винтъ (m); винтъ съ двумя лопастями
elica (f) a due pale
hélice (f) de dos aletas

3 vierflügelige Schraube (f)
four bladed propeller
hélice (f) à quatre pales

четырёхлопастной винтъ (m); винтъ съ четырьмя лопастями
elica (f) a quattro pale
hélice (f) de cuatro aletas



a

4 Parsevalschraube (f), unstarre Luftschraube (f), Fahnenschraube (f)
Parseval *or* elastic propeller
propulseur (m) de Parseval, hélice (f) à étoffe souple, propulseur (m) élastique

винтъ (m) Парсеваля; мягкій винтъ
elica (f) del tipo Parseval, elica (f) non rigida, elica (f) a bandiera
propulsor (m) Parseval, hélice (f) con tela aflojada, propulsor (m) elástico

b

5 Schraubenbock (m)
propeller bearing block
chevalet (m) de support d'hélice

козелокъ (m) для винта; опорная ферма (f) для подпятника; винта; ферма пропеллера
cavalletto (m) dell'elica
caballete (m) de soporte de la hélice

c

6 Schraubengestell (n)
propeller frame
cadre (m) *ou* armature (f) de la pale du propulseur

установка (f) для винта
telaio (m) dell'elica, sopporto (m) dell'elica
cuadro (m) *ó* armadura (f) del propulsor

7 Schraubensteigung (f)
pitch of the propeller
pas (m) d'hélice

шагъ (m) винта
passo (m) dell'elica
paso (m) de la hélice

8 projizierte Schraubenfläche (f)
projected blade area
surface (f) d'hélice projetée

винтовая поверхность (f) въ проекціи
superficie (f) di elica proiettata
superficie (f) proyectada de la hélice

9 Schraubenkreis (m)
propeller circle
diamètre (m) d'hélice

кругъ (m) вращенія винта *или* пропеллера
circolo (m) dell'elica
diámetro (m) de la hélice

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Hubschraube (f) elevating *or* ascending propeller hélice (f) sustentatrice (de montée *ou* descente)	винтъ (m) для вертикальнаго подъёма; вертикальный пропеллеръ (m) elica (f) di sollevamento hélice (f) de eje vertical, hélice (f) de levantamiento	*1*
Triebschraube (f) driving propeller hélice (f) propulsive *ou* tractive	винтъ (m), сообщающій поступательное движеніе; пропеллеръ (m) elica (f) propulsiva hélice (f) propulsiva	*2*
Unterdruck (m) underpressure dépression (f)	разрѣженіе (n) sottopressione (f) depresión (f)	*3*
Überdruck (m) overpressure pression (f) de refoulement, surpression (f), compression (f)	избыточное давленіе (n) sopra pressione (f) compresión (f), presión (f) de retroceso del aire *ó* de regolfo	*4*
Ansaugseite (f) suction side côté (m) de l'aspiration	сторона (f) всасыванія; [передняя сторона] lato (m) di aspirazione lado (m) de la aspiración	*5*
Druckseite (f) pressure side côté (m) du refoulement	сторона (f) нагнетанія; [задняя сторона] lato (m) di pressione lado (m) del retroceso del aire *ó* del regolfo	*6*
Wirkungsgrad (m) der Schraube efficiency of the propeller rendement (m) de l'hélice	коеффиціентъ (m) полезнаго дѣйствія винта; отдача (f) винта grado (m) di azione dell'elica efecto (m) útil de la hélice	*7*
Umdrehungszahl (f), Geschwindigkeit (f) number of revolutions, speed nombre (m) de tours, vitesse (f) angulaire	число (n) оборотовъ; скорость (f) вращенія numero (m) di giri, regime (m) número (m) de vueltas, velocidad (f) de rotación	*8*
Steigung (f) pitch pas (m)	шагъ (m) passo (m) paso (m)	*9*
Schlüpfung (f) slip recul (m)	[относительное] скольженіе (n) sguizzamento (m) retroceso (m)	*10*
Seilübertragung (f) rope transmission transmission (f) par câble	канатная *или* тросовая передача (f) trasmissione (f) a corda transmisión (f) por cable	*11*

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1 Zahnradübertragung (f)
gear *or* toothed wheel transmission *or* drive
transmission (f) par engrenages

зубчатая передача (f)
trasmissione (f) ad ingranaggio
transmisión (f) por engranajes

2 Kettenübertragung (f)
chain transmission
transmission (f) par chaîne

цѣпная передача (f)
trasmissione (f) a catena
transmisión (f) por cadena

3 Riemenübertragung (f)
belt transmission
transmission (f) par courroie

ременная передача (f)
trasmissione (f) a cinghia
transmisión (f) por correa

4 Stahlbandübertragung (f)
steel band transmission
transmission (f) par ruban d'acier

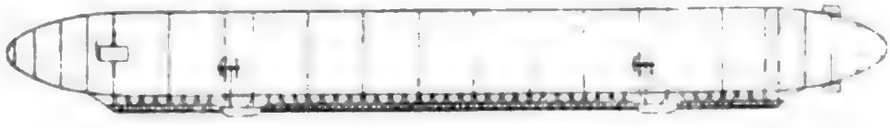
передача (f) стальной лентой
trasmissione (f) a nastro d'acciaio
transmisión (f) por cinta ó fleje de acero

5 **Luftschiffsysteme**
Types of Airships
Systèmes *ou* types de ballon

Системы аэростатовъ
Sistemi di palloni
Sistemas de aerostatos

6 starres System (n)
rigid type
type (m) rigide

жёсткая система (f)
sistema (m) rigido
tipo (m) rigido



7 Zeppelin-Luftschiff (n)
Zeppelin type
ballon (m) Zeppelin

аэростатъ (m) Цеппелина
aeronave (f) Zeppelin, dirigibile (m) Zeppelin
aerostato (m) de Zeppelin

8 Versteifung (f) *oder* Verstrebung *oder* Verspannung (f) der Flächen
staying *or* stiffening of the surfaces
raidissement (m) des surfaces, armature (f) intérieure du ballon

жёсткое крѣпленіе (n) поверхностей
irrigidimento (m) delle superfici
rigidez (f) de las superficies

9 Rahmenwerk (n)
framework
carcasse (f)

каркасъ (m); ферма (f)
intelaiatura (f), ossatura (f)
armazón (m)

10 Längsträger (m)
longitudinal member
membrure (f) *ou* armature (f) longitudinale

продольный поясъ (m)
lungherone (m)
cordón (m) ó armazón (m) longitudinal

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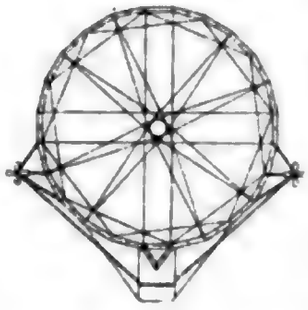
ɜrträger (m) ss member mbrure (f) *ou* arma- ıre (f) transversale	поперечный поясъ (m) traversa (f) armazón (m) transversal	*1*
ıote (f), Schot (f) ıt ıute (f)	шкотъ (m) scolta (f) escota (f)	*2*
ıminiumgerippe (n) .minium frame 'casse (f) d'aluminium	алюминіевый каркасъ (m); алюминіевый скелетъ (m) scheletro (m) *o* carcassa (f) d'alluminio armazón (m) de aluminio	*3*
.terträgerkonstruk- ion (f) lliswork construction nature (f) en treillis	рѣшетчатая конструкція (f); рѣшетчатая арматура (f) costruzione (f) ad aste portanti armazón (m) de celosía	*4*
tterwerk (n) lliswork, network nature (f) en treillis	рѣшетчатая система (f); рѣшетчатое устройство (n) rete (f), reticolato (m) armazón (m) de celosía	*5*
ɔffüberzug (m) velope of woven ma- terial *or* cloth veloppe (f) en étoffe	матерчатая покрышка (f); покрывающая ткань (f) camicia (f) di stoffa, involucro (m) esterno di stoffa cubierta (f) de tela	*6*
it Ballonstoff be- spannen (v) cover with balloon material couvrir (v) *ou* couvrir (v) en étoffe de ballon	обтянуть баллонной матеріей coprire (v) con stoffa da pallone cubrir (v) con tela para globos	*7*
ıllonzelle (f), Gaszelle (f) ıs chamber *or* cell ɔmpartiment (m) *ou* alvéole (f) de ballon, chambre (f) *ou* cellule (f) remplie de gaz	клѣтка (f) *или* отсѣкъ (m) *или* ячейка (f) баллона cella (f) di pallone, cella (f) a gas celda (f) para el gas	*8*
ashülle (f) ıs balloon nveloppe (f) de] ballon (m), poche (f) à gaz	оболочка (f) баллона involucro (m) a gas globo (m), bolsa (f) para gas	*9*
allonraum (m) alloon shed ɔmpartiment (m) inté- rieur pour ballon	ёмкость (f) баллона spazio (m) interiore del pallone, involucro (m) pel gas celda (f) interior del globo	*10*



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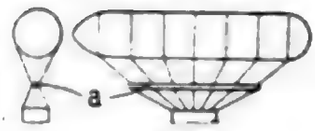
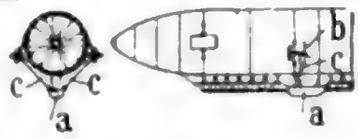
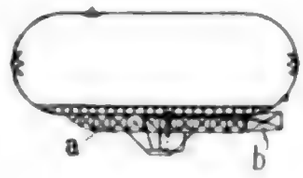
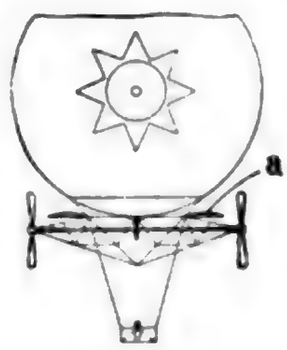
1	Stangenkiel (m) wedge of rod poutre (f) armée, quille (f)	 a	килевая качка (f) chiglia (f) a stanga viga (f) armada
2	Gondel (f) car nacelle (f)	 a	гондола (f) gondola (f), navicella (f) barquilla (f)
3	Treibschraube (f) driving screw hélice (f) (propulsive *ou* tractive)	b	пропеллеръ (m) elica (f) propulsiva, elica (f) di propulsione hélice (f) impulsora
4	Transmission (f) transmission transmission (f)	c	трансмиссія (f); передача (f) trasmissione (f) transmisión (f)
5	halbstarres System (n) semi rigid type type (m) semi-rigide *ou* mixte		полужёсткая система (f) sistema (m) semirigido tipo (m) semi-rigido *ó* mixto
6	Längsträger (m), Kiel (m) longitudinal girder, keel poutre (f) armée, quille (f) rigide	 a	продольная балка (f); жёсткій киль (m) asse (m) longitudinale, chiglia (f) rigida viga (f) armada
7	Steuer (n) rudder gouvernail (m)	b	руль (m) timone (m) timón (m)
8	Stabilisierungsfläche (f) equilibrium *or* stability plane, steadying surface stabilisateur (m), plan (m) fixe	 a	стабилизирующая плоскость (f); стабилизаторъ (m) superficie (f) di stabilità, piano (m) stabilizzatore estabilizador (m), planos (m pl) estabilizadores
9	Schwanzstück (n) tail piece queue (f)		хвостовая часть (f) coda (f) cola (f)
10	Rundflosse (f) circular *or* round fin stabilisateur (m) incurvé		круговой плавникъ (m) stabilizzatore (m) incurvato estabilizador (m) curvo
11	unstarres System (n) flexible type système (m) souple		мягкая система (f); нежёсткая система sistema (m) non rigido, sistema (m) flessibile, sistema (m) floscio sistema (m) flexible

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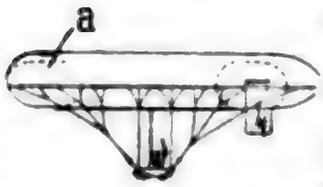

rseval-Luftschiff (n) rseval airship llon (m) *ou* dirigeable (m) Parseval	воздушный корабль (m) Парсеваля dirigibile (m) Parseval, aeronave (f) Parseval dirigible (m) de Parseval	1
llonet (n), Luftsack (m) all balloon, auxiliary balloon, gas bag llonnet (m), ballonnet (m) à air	баллонетъ (m); воздушный мѣшокъ (m) palloncino (m) compensatore globo (m) *ó* globito (m) compensador	2
llonetnaht (f) am of the auxiliary balloon uture (f) *ou* joint (m) du ballonnet	шовъ (m), соединяющій баллонетъ съ аэростатомъ cucitura (f) del palloncino compensatore costura (f) *ó* junta (f) del globo compensador	3
llonetfaktor (m) oyancy coefficient of the auxiliary balloon efficient (m) de force portante du ballonnet (auxiliaire)	коеффиціентъ (m) баллонета coefficiente (m) del palloncino compensatore coeficiente (m) del globo compensador	4
onnenbestrahlung (f), Insolation (f) ys of the sun tion (f) des rayons solaires	инсоляція (f) insolazione (f) acción (f) del sol	5
ste pralle Form (f) des Ballons ghtly stretched form rme (f) invariable du ballon	жёсткая упругая форма (f) баллона forma (f) turgida *o* ben tesa forma (f) invariable del globo	6
allonetleine (f) ope to auxiliary balloon âble (m) *ou* corde (f) du ballonnet	шнуръ (m) баллонета; верёвка (f) баллонета corda (f) del palloncino compensatore cable (m) del globo auxiliar	7
entilator (m) n entilateur (m)	вентиляторъ (m) ventilatore (m) ventilador (m)	8
uftschlauch (m), Ballonetschlauch (m) ir duct *or* pipe, pipe to auxiliary balloon anche (f) à air du ballonnet	воздушный шлангъ (m); воздушный рукавъ (m); шлангъ баллонета; рукавъ баллонета manicotto (m) ad aria, manicotto (m) del palloncino compensatore manga (f) de aire del globo auxiliar	9

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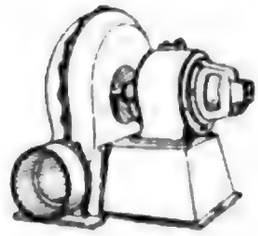
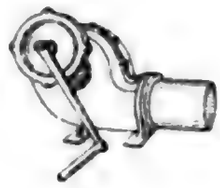
Ventilatorantrieb (m) durch Motor
1 motor drive of fan
commande (f) du ventilateur par moteur



моторный приводъ (m) вентилятора
comando (m) del ventilatore a mezzo di motore
accionamiento (m) del ventilador por motor

Ventilatorantrieb (m) durch Hand
2 hand drive of fan
commande (f) à la main du ventilateur



приведеніе (n) въ дѣйствіе вентилятора отъ руки
comando (m) del ventilatore a mano
accionamiento (m) á mano del ventilador

Veränderung (f) der Lage des Luftschiffes
3 alteration of the trim of the airship
changement (m) d'assiette du ballon

перемѣна (f) положенія воздушнаго корабля
cambiamento (m) della posizione dell'aeronave
cambio (m) de posición del globo

Schrägfahrt (f)
4 travelling diagonally
marche (f) oblique (montée *ou* descente)

полёть (m) подъ уклономъ; наклонный курсъ (m)
ascesa (f) obliqua
derrota (f) oblicua (subida *ó* bajada)

Traggas (n)
5 gas used for floating the balloon
gaz (m) servant à soutenir le ballon *ou* à l'équilibre statique

подъёмный газъ (m)
gas (m) portante
gas (m) sirviendo para el equilibrio estático

---

statische Gleichgewichtslage (f)
6 equipoise, position of static equilibrium
équilibre (m) statique

положеніе (n) статическаго равновѣсія
posizione (f) d'equilibrio statico
equilibrio (m) estático

---

dynamisches Auf- und Absteigen (n)
7 driving *or* slanting upwards *or* downwards variation (f) de l'équilibre dynamique, montée (f) et descente (f)

динамическіе подъёмъ (m) и опусканіе (n)
ascesa (f) e discesa (f) dinamica
subida (f) *o* descenso (m) á consecuencia de las variaciones del equilibrio estático

---

Gondelaufhängung (f)
8 car suspension
suspension (f) de la nacelle, suspentes (f pl) de la nacelle

подвѣска (f) гондолы
sospensione (f) della gondola *o* della navicella
suspensión (f) de la barquilla

---

auf Rollen schwingende Gondel (f) (Parseval)
9 car hung on rollers
nacelle (f) oscillant sur galets

гондола (f), подвѣшенная на роликахъ (Парсеваль)
navicella (f) sospesa su rulli, navicella (f) oscillante su rulli
barquilla (f) suspendida sobre rodillos

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Vorschwingen (n) der Gondel
swinging forward of the car
oscillation (f) en avant de la nacelle, déversement (m) en avant

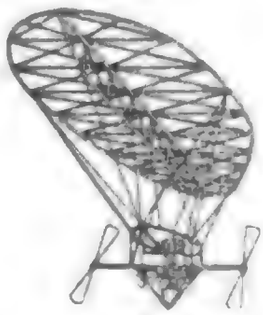
стремленіе (n) гондолы перемѣститься впередъ
oscillazione (f) in avanti della navicella
desplazamiento (m) hacia delante de la barquilla

1

Rückschwingen (n) der Gondel
backward swinging of the car
oscillation (f) en arrière de la nacelle, déversement (m) en arrière

стремленіе (n) гондолы перемѣститься назадъ
oscillazione (f) all'indietro della navicella
desplazamiento (m) hacia atrás de la barquilla

2



Versteifungsgerüst (n)
stiffening frame
carcasse (f) rigide

остовъ (m) *или* каркасъ (m) гондолы для достиженія жёсткости
armatura (f), ossatura (f), intelaiatura (f) di rinforzo
armadura (f) rígida

3

Tragstange (f)
suspension *or* carrying rod
poutre (f) armée de suspension

балка (f) *или* штанга (f) для подвѣски
sbarra (f) di sospensione
viga (f) armada de suspensión

4

Schraubenanordnung (f), Propelleranordnung (f)
arrangement of screws *or* propellers
disposition (f) des hélices *ou* des propulseurs

расположеніе (n) пропеллеровъ
disposizione (f) delle eliche
disposición (f) de las hélices *ó* de los propulsores

5

Laufgang (m), Laufsteg (m)
gangway
passerelle (f)

мостикъ (m) для сообщенія
passerella (f)
pasarela (f)

6

Sportluftschiff (n), Motorsportballon (m)
pleasure motor balloon
ballon (m) [dirigeable] de sport

спортивный моторный аэростатъ (m)
dirigibile (m) da sport
aeronave (m) de deporte

7

Gondelausrüstung

Car Equipment *or* Fittings

Arrimage de la nacelle, accessoires de la nacelle

Оборудованіе гондолы

Arredamento della gondola

Equipo de la barquilla, accesorios de la barquilla

8

Barometer (n), Höhenmesser (m)
barometer for measuring altitudes
baromètre (m) (d'altitude)

барометръ (m); высотомѣръ (m)
barometro (m) d'altezza
barómetro (m) (de altura)

9

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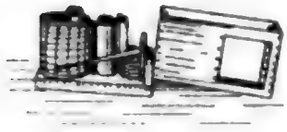
1 Barograph (m)
recording barometer
baromètre (m) enrégistreur



барографъ (m)
barografo (m), barometro (m) registratore
barómetro (m) registrador

2 Taschenaneroid (n)
pocket aneroid
baromètre (m) anéroïde de poche

карманный анероидъ (m)
aneroide (f) tascabile
barómetro (m) aneroide de bolsillo

3 Hygrometer (n)
hygrometer
hygromètre (m)

гигрометръ (m)
igrometro (m)
higrómetro (m)

4 Statoskop (n)
statoscope
statoscope (m)

статоскопъ (m)
statoscopio (m)
estatóscopo (m)

5 Flüssigkeitsstatoskop (n)
liquid statoscope
statoscope (m) à liquide

статоскопъ (m) съ жидкостью
statoscopio (m) liquido
estatóscopo (m) con líquido

6 Aneroidstatoskop (n)
aneroid statoscope
statoscope (m) anéroïde

статоскопъ (m)-анероидъ (m)
statoscopio-aneroide (m)
estatóscopo (m) aneroide

7 Ballonvariometer (n)
balloon variometer
variomètre (m) pour ballon

варіометръ (m) *или* магнитометръ (m) для аэростатовъ
variometro (m) da pallone
variometro (m) para globos

8 (Aßmannsches) Aspirationspsychrometer (n)
Assmann's aspiration psychrometer
psychromètre (m) à aspiration d'Assmann

аспираціонный психрометръ (m) (Ассмана)
psicrometro (m) aspiratore (di Assmann)
psicrómetro (m) aspirador de Assmann

9 Manometer (n)
pressure gauge
manomètre (m)

манометръ (m)
manometro (m)
manómetro (m)

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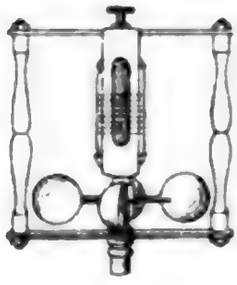
mometer (n), Wind-
esser (m)
mometer
momètre (m)



анемометръ (m)
anemometro (m)
anemómetro (m) *1*

---

leuderthermo-
eter (n)
›static thermometer
'momètre-fronde (m)

пращевой термометръ (m)
termometro (m) a fionda, termometro-fionda (m)
termómetro-honda (m) *2*

.hlungsthermometer (n)
duction thermo-
eter
ıeliomètre (m),
:tinomètre (m)

актинометръ (m)
termometro (m) misuratore della irradiazione
termómetro (m) para medir las radiaciones, actinómetro (m) *3*

---

allthermometer (n)
al thermometer
'momètre (m) mé-
llique

металлическій термометръ (m)
termometro (m) metallico
termómetro (m) metálico *4*

---

tilierter Thermo-
'aph (m)
tilated thermograph
'mographe (m) en-
gistreur ventilé

термографъ (m) съ вентиляціей
termografo (m) registratore ventilato
termómetro (m) registrador ventilado *5*

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lstecher (m)
›culars, field glasses
elles (f pl)

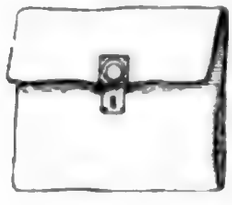
полевой бинокль (m)
binoccolo (m)
gemelos (m pl) *6*

---

chenuhr (f)
ch
ıtre (f)

карманные часы (m pl)
orologio (m) tascabile
reloj (m) *7*

'tentasche (f)
› case
hette (f) pour cartes



портфель (m) для картъ
busta (f) per le carte topografiche
cartera (f) para mapas *8*

---

lonmesser (n)
gle bladed sailor's
nife, sheath knife,
nife for balloon work
ıteau (m) pour ballon

воздухоплавательный ножъ (m)
coltello (m) da pallone
cuchillo (m) para globos *9*

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1 Kompaß (m)
compass
boussole (f)

компасъ (m)
bussola (f)
brújula (f)

2 Schnappmesser (n)
clasp knife
couteau (m) pliant

складной ножъ (m)
coltello (m) a molla *o* a scatto
navaja (f)

3 feststehendes Messer (n)
rigid knife
couteau (m) à cran de sûreté

ножъ (m) съ предохранительной защёлкой
coltello (m) a serramanico
navaja (f) de muelle de seguridad

4 Pfropfenzieher (m)
corkscrew
tire-bouchon (m)

пробочникъ (m); штопоръ (m)
cavaturaccioli (m)
sacacorchos (m)

Landung des Luftschiffes

5 **Landing of the Airship**

Atterrissage du ballon

Спускъ на землю аэростата; причалъ аэростата

Atterramento del pallone

Toma de tierra del globo, aterramiento del globo

6 Zwischenlandung (f)
intermediate landing
atterrissage (m) en cours de route, escale (f)

спускъ (m) на землю въ пути
atterramento (m) intermedio *o* durante il viaggio
toma (f) de tierra durante el viaje

7 glatte Landung (f)
smooth landing
atterrissage (m) facile

благополучный *или* удачный спускъ (m) на землю
atterramento (m) liscio *o* facile
toma (f) de tierra fácil

8 landen (v)
to land, to descend to earth
atterrir (v)

спускаться на землю; причаливать
atterrare (v), scendere (v) a terra
tomar (v) tierra

9 Landungswerkzeuge (n pl)
apparatus for landing
appareils (m pl) d'atterrissage

приспособленія (n pl) для причаливанія
apparecchi (m pl) *od* organi (m pl) d'atterramento
aparatos (m pl) para el aterramiento

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Fangleine (f) grappling rope amarre (f)	чалка (f); вспомогательная верёвка (f), выбрасываемая передъ причаливаніемъ corda (f) di presa, gomena (f) amarra (f)	1
Schlepptau (n) tow rope guiderope (m), amarre (f) de touage	гайдропъ (m); тормазный канатъ (m); балластный канатъ «guide-rope» (m), cavo (m) di guida *o* a rimorchio cuerda (f) freno, cable (m) de sirga	2
das Schlepptau aufrollen (v) to coil *or* roll up the tow rope enrouler (v) le guiderope	навиваніе (n) гайдропа arrotolare (v) il guide-rope arrollar (v) la cuerda-freno	3
das Schlepptau fallen lassen (v) to drop the tow rope laisser (v) filer le guide-rope, larguer (v) le guiderope	сбросить гайдропъ gettare (v) il guide-rope soltar (v) la cuerda-freno	4
das Schlepptau setzt auf the tow rope is touching le guiderope touche	гайдропъ (m) касается земли il guide-rope tocca sul suolo la cuerda-freno toca en tierra	5
das Schlepptau schleift the tow rope is dragging le guiderope traine	гайдропъ (m) волочится il guide-rope striscia *o* scorre sul suolo la cuerda-freno arrastra *ó* desliza	6
Fahrt (f) am Schlepptau running on the tow rope marche (f) au guide-rope	полётъ (m) на гайдропѣ navigazione (f) *o* marcia (f) *o* corsa (f) sul guide-rope marcha (f) á la cuerda-freno	7
Schleiffahrt (f) dragging trainage (m)	полётъ (m) на волочащемся гайдропѣ viaggio (m) *o* corsa (f) col guide-rope, strisciamento (m) marcha (f) con arrastre (de la cuerda-freno)	8
Anker (m) anchor, grappler ancre (f)	якорь (m) àncora (f) ancla (f)	9

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1	Abtriebvorrichtung (f) drag arrangement appareil (m) de dérive	девіаторъ (m); уклонитель (m) apparecchio (m) di deriva aparato (m) de deriva
2	Abtriebanker (m) drag anchor ancre (f) de dérive	якорь (m)-девіаторъ (m); якорь-уклонитель (m) àncora (f) di deriva ancla (f) de deriva
3	Ankerhaken (m) anchor fluke patte (f) *ou* crochet (m) d'ancre	якорный крюкъ (m) uncino (m) d'àncora pata (f) *ó* garabato (m) del ancla
4	Ankeregge (f) grapplers grappins (m pl)	якорь (m)-борона (m) erpice (m) d'àncora rastra (f) con arpeos
5	Kettenanker (m) chain grappler chaîne (f) à grappins, ancre-chaîne (f)	цѣпной якорь (m) ancora (f) a catena, catena (f) d'erpici cadena (f) de garfios
6	Wasseranker (m) water anchor chapelet (m) de guide-rope, ancre (f) de mer, cône-ancre (m)	водяной якорь (m) àncora (f) da acqua, cono (m) d'àncora ancla (f) de mar
7	Schwimmer (m) float flotteur (m)	буекъ (m); буй (m); поплавокъ (m) galleggiante (m) flotador (m)
8	Aufprall (m) concussion choc (m)	прыжокъ (m); скачокъ (m) urto (m) choque (m)
9	aufprallen (v) to strike violently heurter (v), talonner (v)	подпрыгнуть urtare (v) chocar (v), rebotar (v)
10	die Gondel setzt auf the car is touching la nacelle touche le sol	корзина (f) становится на землю la navicella s'incaglia la barquilla toca tierra
11	Ankerplatz (m) place to anchor, anchorage place (f) de l'ancre	мѣсто (n) якоря posto (m) d'ancoraggio, luogo (m) d'ancoramento, ancoraggio (m) lugar (m) del ancla
12	Ankertau (n) anchor rope câble (m) d'ancre	якорный канатъ (m); якорная верёвка (f) cavo (m) d'àncora cable (m) del ancla

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Entleerung (f) der Gashülle
deflation *or* emptying of the envelope
dégonflement (m) du ballon

опоражниваніе (n) аэростата; выпускъ (m) газа изъ баллона
sgonfiamento (m) del pallone
desinflación (f) del globo

---

entleeren (v)
to empty, to deflate
dégonfler (v)

опоражнивать; выпускать газъ
sgonfiare (v)
desinflar (v)

---

die Gashülle aufreißen (v) *oder* zerreißen (v)
to rip *or* tear the envelope
déchirer (v) l'enveloppe du ballon *ou* le panneau *ou* le volet

вскрыть разрывное полотнище
strappare (v) l'involucro
desgarrar (v) la tela del globo *ó* la banda

Entleerungsöffnung (f)
deflation opening *or* aperture vent
ouverture (f) du panneau *ou* du volet de déchirure, déchirure (f) pour le dégonflement

отверстіе (n) для опоражниванія
orifizio (m) *od* apertura (f) di scarico
abertura (f) de la banda de desgarramiento, desgarrón (m) para la desinflación

---

Einguck (m)
inspection hole
orifice (m) de visite

смотровое отверстіе (n)
spia (f)
abertura (f) de inspección

Ballonfenster (n)
window of the envelope
regard (m)

окошечко въ оболочкѣ
finestrella (f) del pallone
mirilla (f)

---

die Hülle zusammenlegen (v)
to fold up the envelope
plier (v) l'enveloppe

сложить баллонъ
avvolgere (v) *od* arrotolare (v) l'involucro
plegar (v) la tela del globo

---

die Hülle zusammenrollen (v)
to roll up the envelope
rouler (v) l'enveloppe du ballon

скатать баллонъ
arrotolare (v) l'involucro
enrollar (v) la tela del globo

---

die Hülle verpacken (v)
to pack the envelope
empaqueter (v) l'enveloppe du ballon

запаковать *или* упаковать баллонъ
imballare (v) l'involucro
empaquetar (v) la tela del globo

Verpackungsplan (m)
packing cover *or* tarpaulin
bâche (f) d'emballage

брезентъ (m) для укупорки
tela (f) d'imballaggio
cubierta (f) de embalaje

Unterlegplan (m)
tarpaulin for placing underneath
bâche (f) inférieure d'emballage, bâche (f) de gonflement

подстилочный брезентъ (m)
tela (f) di coprisuolo
paño (m) inferior de embalaje

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1	Verschnürungsleine (f) packing cord corde (f) d'empaquetage	шнуровочная верёвка (f) *или* бичёвка (f) corda (f) d'allacciamento cuerda (f) de embalaje
2	die Hülle aufladen (v) to load up the envelope charger (v) le ballon	нагрузить оболочку caricare (v) l'involucro cargar (v) el globo
3	Landtransport (m) des Luftschiffes transport of the airship over land transport (m) du ballon à terre	перевозка (f) аэростата на сушѣ trasporto (m) del pallone transporte (m) del globo
4	**Gasfüllung** **Inflation** **Gonflement**	**Наполненіе газомъ** **Gonfiamento** **Inflación**
5	die Gashülle füllen (v) to inflate *or* fill the envelope gonfler (v) le ballon	наполнить оболочку gonfiare (v) il pallone inflar (v) el globo
6	Füllanlage (f) inflating plant installation (f) de gonflement	оборудованіе (n) мѣста наполненія impianto (m) di gonfiamento instalación (f) para la inflación
7	Herstellung (f) von Wasserstoff generation of hydrogen production (f) de l'hydrogène	добываніе (n) водорода fabbricazione (f) dell'idrogeno producción (f) del hidrógeno
8	Hydridverfahren (n) water process *or* method procédé (m) hydrique (aluminium et hydrate de soude)	способъ (m) воднаго производства газа procedimento (m) idrico *o* all'acqua procedimiento (m) de fabricación por agua
9	Regenerativverfahren (n) regenerative method procédé (m) par régénération	регенеративный способъ (m) производства газа; способъ производства газа возстановленіемъ procedimento (m) a rigenerazione procedimiento (m) por regeneración
10	Schwefelsäure-Eisenverfahren (n) sulphuric acid and iron method procédé (m) par action de l'acide sulfurique sur la tournure de fer	сѣрнокислотно-желѣзный способъ (m) производства газа procedimento (m) al ferro ed all'acido solforico procedimiento (m) por el ácido sulfúrico y el hierro

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elektrolytisches Verfahren (n)
electrolytic method
procédé (m) électrolytique

электролитическій способъ (m)
procedimento (m) elettrolitico
método (m) electrolítico
1

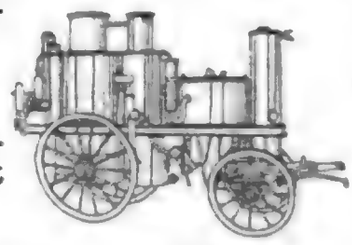
mechanisches Verfahren (n)
mechanical method
méthode (f) mécanique

механическій способъ (m)
procedimento (m) meccanico
método (m) mecánico
2

fraktionierte Destillation (f)
fractionated distillation
distillation (f) fractionnée

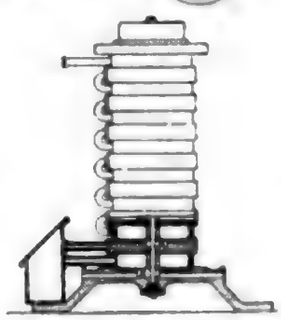
частичная перегонка (f)
distillazione (f) frazionaria
destillación (f) fraccionada
3

fahrbarer Wasserstofferzeuger (m)
portable hydrogen gas producer
générateur (m) d'hydrogène sur chariot *ou* locomobile



перевозный генераторъ (m) водорода
generatore (m) trasportabile, carro (m) generatore
generador (m) de hidrógeno sobre carro
4

Gasspalter (m)
gas separator
colonne (f) d'épuration du gaz



газоотдѣлитель (m)
separatore (m) di gas
separador (m) de gas
5

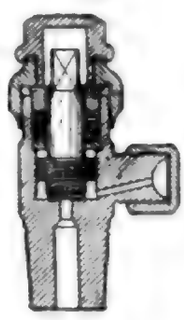
Aufspeicherung (f) von Wasserstoff
storage of hydrogen
emmagasinement (m) du gaz

сгущеніе (n) *или* компримированіе (n) водорода
riserva (f) d'idrogeno
almacenamiento (m) del gas
6

Bombe (f), Gasflasche (f)
steel *or* iron bottle *or* cylinder for gas under high pressure
tube (m) *ou* bouteille (f) à gaz

бомба (f); газовая бутыль (f); бомба (f) для сжатаго водорода
bottiglia (f) *o* bombola (f) da gas
botella (f) *o* tubo (m) de gas
7

Gasflaschenventil (n)
valve *or* cock for gas cylinder
soupape (f) du tube de gaz



кранъ (m) для газовыхъ бутылей; кранъ для бомбы съ сжатымъ воздухомъ
valvola (f) della bombola da gas
válvula (f) del tubo de gas
8

Gasventilschlüssel (m)
cock spanner
clef (f) pour la soupape à gaz

ключъ (m) для крановъ газовыхъ бутылей
chiave (f) per la valvola da gas
llave (f) para la válvula de gas
9

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1	Fülltülle (f) funnel, spout raccord (m) pour le remplissage	атрубокъ (m) для наполненія becco (m) di gonfiamento unión (f) para el relleno
2	Füllschlauch (m) filling tube tuyau (m) *ou* boyau (m) de gonflement	шлангъ (m) для наполненія; рукавъ (m) для наполненія tubo (m) flessibile di carico *o* di gonfiamento tubo (m) flexible de relleno
3	Verbindungsschlauch (m) junction pipe tuyau (m) *ou* boyau (m) de raccordement	соединительный рукавъ (m) *или* шлангъ (m) tubo (m) di congiunzione tubo (m) flexible de unión
4	Flaschenhalter (m) cylinder holder *or* cradle support (m) de bouteilles *ou* tubes, chevalet (m) pour tubes	кокоръ (m) *или* подкладка (f) для бутылей porta-bombola (m) soporte (m) de tubos
5	verdichteter Waserstoff (m) compressed hydrogen hydrogène (m) comprimé	сжатый водородъ (m) idrogeno (m) compresso hidrógeno (m) comprimido
6	die Hülle zur Füllung anschließen (v) to connect up the envelope for inflation raccorder (v) le ballon pour le gonflement	присоединить баллонъ для наполненія connettere (v) l'involucro pel gonfiamento conectar (v) el globo para la inflación
7	die Hülle nach beendigter Füllung abschließen (v), abbinden (v) to shut *or* close up the envelope after inflation fermer (v) le ballon après le gonflement	закупорить баллонъ по окончаній наполненія chiudere (v) l'involucro dopo il gonfiamento cerrar (v) el globo después de la inflación
8	Abblasen (n) des Überdruckventils blowing off of the safety valve purge (f) de la soupape de sûreté	продуваніе (n) *или* продувка (f) клапана аэростата на случай избыточнаго давленія; выходъ (m) газа изъ предохранительнаго клапана scaricare (v) la valvola di soprapressione purga (f) del sopapo de seguridad

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Diffusion (f) diffusion diffusion (f)	диффузія (f) diffusione (f) difusión (f)	1
das Gas dehnt sich aus the gas expands le gaz se dilate	газъ (m) расширяется il gas si dilata el gas se dilata	2
das Gas zieht sich zusammen the gas contracts le gaz se contracte	газъ (m) сжимается il gas si contrae el gas se contrae	3
das Gas erwärmt sich the gas is becoming heated *or* is heating le gaz s'échauffe	газъ (m) нагрѣвается il gas si riscalda el gas se recalienta	4
Gasverlust (m) loss of gas perte (f) *ou* fuite (f) de gaz	потеря (f) газа; утечка (f) газа perdita (f) di gas pérdida (f) de gas	5
das Gas kühlt sich ab the gas is cooling off *or* down le gaz se refroidit	газъ (m) охлаждается il gas si raffredda el gas se enfria	6
das Gas verliert seinen Auftrieb the gas looses its buoyancy *or* lifting power le gaz perd sa force ascensionnelle	газъ (m) теряетъ подъёмную силу il gas perde la forza ascensionale el gas pierde su fuerza ascensional	7
Wetterlage **State of the Weather *or* atmospheric Condition** **Conditions atmosphériques, état atmosphérique**	**Состояніе погоды** **Stato atmosferico** **Estado atmosférico**	8
Barometerstand (m) height of the barometer hauteur (f) barométrique	высота (f) барометра altezza (f) del barometro altura (f) del barómetro	9
Gegenwind (m) contrary wind vent (m) contraire	противный вѣтеръ (m); вѣтеръ въ лобъ vento (m) contrario viento (m) contrario	10
Windstärke (f) strength *or* force of the wind force (f) du vent	сила (f) вѣтра forza (f) del vento fuerza (f) del viento	11
leichter Luftzug (m) slight breeze légère brise (f)	едва замѣтное движеніе (n) воздуха leggiera corrente (f) d'aria brisa (f) ligera	12

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1	schwacher Wind (m) gentle *or* slight wind petite brise (f)	слабый вѣтеръ (m) vento (m) debole viento (m) débil
2	leichter Wind (m) light wind *or* breeze jolie brise (f)	лёгкій вѣтеръ (m) venticello (m) viento (m) ligero
3	mäßiger Wind (m) moderate wind vent (m) modéré	умѣренный вѣтеръ (m) vento (m) moderato viento (m) moderado
4	frischer Wind (m) fresh wind vent (m) frais, bonne brise (f)	свѣжій вѣтеръ (m) brezza (f) viento (m) fresco, brisa (f) fresca
5	sehr frischer Wind (m) very fresh wind vent (m) très frais, bonne brise (f)	очень свѣжій вѣтеръ (m) brezzone (m), vento (m) molto fresco viento (m) bastante fuerte
6	starker Wind (m) strong wind vent (m) fort, grand frais (m)	сильный вѣтеръ (m) vento (m) forte viento (m) fuerte
7	stürmischer Wind (m) stormy wind, half a gale vent (m) de tempête *ou* violent, fort coup (m) de vent	бурный вѣтеръ (m) vento (m) burrascoso viento (m) tempestuoso
8	voller Sturm (m) gale tempête (f)	полный штормъ (m) burrasca (f) tempestad (f)
9	starker Sturm (m) severe gale rafale (f), grande tempête (f)	сильная буря (f) bufera (f) temporal (m), borrasca (f)
10	schwerer Sturm (m) violent gale *or* storm très grande tempête, tourmente (f)	очень сильная буря (f) tempesta (f) temporal (m) muy fuerte
11	Orkan (m) hurricane ouragan (m), cyclone (m)	ураганъ (m) uragano (m) huracán (m), tornado (m)
12	Windstoß (m) squall, gust of wind coup (m) de vent	ударъ (m) вѣтра; порывъ (m) вѣтра; шквалъ (m) colpo (m) di vento, raffica (f) empuje (m) del viento
13	Windgeschwindigkeit (f) velocity of wind vitesse (f) du vent	скорость (f) вѣтра velocità (f) del vento velocidad (f) del viento
14	Windstärke (f) (I bis X) wind intensity force (f) du vent	сила (f) вѣтра (I до X) forza (f) del vento (da I a X) fuerza (f) del viento (I á X)

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Winddruck (m) wind pressure pression (f) du vent	давленіе (n) вѣтра pressione (f) del vento presión (f) del viento	1
Luftströmung (f) current of air courant (m) d'air	воздушное теченіе (n) corrente (f) d'aria corriente (f) de la atmósfera	2
vertikaler Luftstrom (m) vertical current of air courant (m) d'air vertical	вертикальный потокъ (m) воздуха corrente (f) d'aria verticale corriente (f) de aire vertical	3
aufsteigender Luftstrom (m) rising current of air courant (m) atmosphérique ascendant	восходящій потокъ (m) воздуха corrente (f) d'aria ascendente corriente (f) de aire ascendente	4
absteigender Luftstrom (m) falling *or* descending current of air courant (m) atmosphérique descendant	нисходящій потокъ (m) воздуха corrente (f) d'aria discendente corriente (f) de aire descendente	5
Luftschicht (f) layer *or* stratum of air couche (f) d'air	воздушный слой (m) strato (m) d'aria capa (f) de aire	6
Luftwirbel (m) eddy tourbillon (m)	воздуховоротъ (m); вихрь (m) turbine (m) d'aria torbellino (m)	7
Luftwiderstand (m) resistance of the air résistance (f) de l'air	сопротивленіе (n) воздуха resistenza (f) d'aria resistencia (f) del aire	8
Winddalle (f) indention caused by the wind déformation (f) produite par le vent, poche (f)	углубленіе (n), образованное вѣтромъ; деформація (f) баллона отъ вѣтра deformazione causata dal vento deformación (f) producida por el viento	9
scheinbarer Luftwiderstand (m) apparent resistance of the air résistance (f) apparente de l'air	кажущееся сопротивленіе (n) воздуха resistenza (f) d'aria apparente resistencia (f) aparente del aire	10
Luftreibung (f) friction of the air frottement (m) de l'air	воздушное треніе (n) attrito (m) d'aria rozamiento (m) del aire	11
Luftwiderstandgesetz (n) law of resistance of the air loi (f) de la résistance de l'air	законъ (m) сопротивленія воздуха legge (f) della resistenza d'aria ley (f) de la resistencia del aire	12

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1	Stirnwiderstand (m) frontal resistance résistance (f) à l'avancement des surfaces	лобовое сопротивленіе (n) resistenza (f) normale al davanti delle superfici, resistenza (f) frontale resistencia (f) en la cara anterior de las superficies
2	Widerstandmittelpunkt (m) centre of resistance *or* pressure centre (m) de pression	центръ (m) сопротивленія; центръ давленія centro (m) della resistenza centro (m) de resistencia
3	böiges Wetter (n) squally weather temps (m) à grains	шквалистая погода (f) tempo (m) da raffiche tiempo (m) chubascoso
4	**Allgemeines** **General** **Généralités**	**Общая часть** **Generalità** **Generalidades**
5	Zusammenbauen (n) des Luftschiffes erection of the airship montage(m) *ou* arrimage (m) du ballon	сборка (f) аэростата montaggio (m) del dirigibile montaje (m) del globo
6	das Luftschiff hochlassen (v) to allow the airship to rise laisser (v) le ballon s'élever	выпустить аэростатъ вверхъ lasciar (v) salire il dirigibile, lasciare (v) il dirigibile innalzarsi dejar (v) que se eleve el globo
7	Leinen (f pl) in Zug ropes taut câbles (m pl) en tension	натянуть верёвки; выбирать верёвки corde (f pl) in tensione cables (m pl) en tensión
8	die Gondel anhängen (v) to attach the car fixer (v) la nacelle	подвѣсить гондолу attaccare (v) la navicella fijar (v) la barquilla
9	die Gondel beschweren (v) to load *or* ballast the car lester (v) la nacelle	загрузить гондолу aggravare (v) *o* caricare (v) la navicella lastrar (v) la barquilla
10	Ballast (m) ballast lest (m)	балластъ (m) zavorra (f) lastre (m)
11	Ballastsack (m) ballast sack, sand bag sac (m) de lest	балластный мѣшокъ (m) sacco (m) di zavorra saco (m) de lastre

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Wasserballast (m) water ballast lest (m) en eau	водяной балластъ (m) acqua-zavorra (f) lastre (m) de agua	1
Sandballast (m) sand ballast lest (m) en sable	песчаный балластъ (m) sabbia-zavorra (f) lastre (m) de arena	2
Ballastausgabe (f) throwing *or* heaving out of ballast projection (f) du lest	отдача (f) балласта; выбрасываніе (n) балласта gettare (v) la zavorra arrojar (v) lastre	3
Ballonfalte (f), Falte (f) in der Hülle fold in the envelope pli (m) du ballon	складка (f) на баллонѣ; складка на оболочкѣ piega (f) nell'involucro doblez (f) del globo	4
Zusammenschrumpfen (n) der Hülle infolge Gasverlustes collapse of the balloon due to loss of gas ballon (m) flasque par suite de la perte de gaz	съёживаніе (n) баллона вслѣдствіе потери газа raggrinzamento (m) dell'involucro per perdita di gas aflojamiento (m) de la tela del globo por pérdida de gas	5
schlaff (adj), schlapp (adj) slack (adj) flasque (adj)	дряблый; неполный floscio (agg) flojo (adj)	6
prall (adj) taut (adj), tightly stretched (adj) tendu (adj), rigide (adj)	тугой; раздутый; упругій; выполненный turgido (agg), ben teso (agg) tenso (adj)	7
Auftrieb (m) lifting power force (f) ascensionnelle	подъёмная сила (f) forza (f) ascensionale fuerza (f) ascensional	8
nutzbarer Auftrieb (m) useful lifting power force (f) ascensionnelle, utile *ou* disponible	полезная подъёмная сила (f) forza (f) ascensionale utile fuerza (f) ascensional útil	9
Tragfähigkeit (f) des Luftschiffes weight carrying capacity of the airship charge (f) que peut enlever le ballon	грузоподъёмность (f) аэростата portata (f) del dirigibile carga (f) que puede llevar el globo, poder (m) ascensional	10
das Luftschiff abwiegen (v) to weigh the airship équilibrer (v) le ballon, peser (v) le ballon	вывѣсить аэростатъ; уравновѣсить аэростатъ pesare (v) *od* equilibrare (v) il dirigibile equilibrar (v) el globo	11

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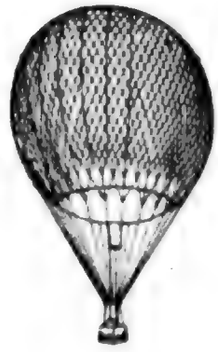
1	Eigengewicht (n) des Luftschiffes nett weight of the airship poids (m) net du ballon	собственный вѣсъ (m) аэростата peso (m) proprio del dirigibile peso (m) neto del globo
2	Anlüften (n) des Luftschiffes to lift the airship laisser (v) filer le ballon	выпускъ (m) аэростата на воздухъ arieggiare (v) il dirigibile dejar (v) subir el globo
3	Einholen (n) des Luftschiffes recovery of the airship haler (v) le ballon	выбираніе (n) *или* притягиваніе (n) аэростата attiramento (m) del dirigibile halar (v) el globo
4	Aerostatik (f) aerostatics aérostatique (f)	аэростатика (f) aerostatica (f) aerostática (f)
5	Aerodynamik (f) aerodynamics aérodynamique (f)	аэродинамика (f) aerodinamica (f) aerodinámica (f)
6	Luftfahrzeug (n) airship, aerial craft aéronat (m), navire (m) aérien	воздухоплавательная машина (f); воздушный аппаратъ (m) naviglio (m) aereo, aeronave (f) barco (m) aéreo
7	Signalballon (m) signalling balloon ballon-signal (m)	сигнальный аэростатъ (m) pallone (m) di segnalazione globo (m) de señales
8	Pilotballon (m) pilot balloon ballon-pilote (m)	пробный воздушный шаръ (m) pallone (m) pilota globo-piloto (m)
9	Freifahrtballon (m), Kugelballon (m) free balloon ballon (m) libre	аэростатъ (m) для свободнаго полёта; воздушный шаръ (m) pallone (m) libero globo (m) libre
10	Führung (f) des Luftschiffes, Ballonführung (f) balloon navigation conduite (f) *ou* pilotage (m) du ballon	управленіе (n) аэростатомъ pilotaggio (m) del pallone pilotaje (m) del globo



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Navigationsoffizier (m) navigation officer officier (m) du corps des aérostatiers	оффицеръ (m) воздухоплавательнаго парка; оффицеръ воздухоплавательной команды ufficiale (m) di navigazione aerea oficial (m) del cuerpo de los aeronautas	1
Ballonführer (m) master *or* conductor of the balloon pilote (m) du ballon	пилотъ (m) *или* управляющій (m) аэростатомъ pilota (m) del pallone piloto (m) del globo	2
Führerfahrt (f), Prüfungsfahrt (f) trial flight *or* journey voyage (m) d'essai du pilote	пробный полётъ (m); viaggio (m) di prova del pilota viaje (m) de ensayo del piloto	3
Führerzeugnis (n) conductor's *or* master's certificate brevet (m) de pilote	свидѣтельство (n) на званіе пилота certificato (m) di pilota certificado (m) del piloto	4
Führungsmannschaft (f) crew équipage (m)	экипажъ (m) squadra (f) di pilotaggio, equipaggio (m) del pallone tripulación (f)	5
Aufstieg (m) ascent ascension (f)	подъёмъ (m) ascensione (f) ascensión (f)	6
Abfahrt (f) departure départ (m)	вылётъ (m) partenza (f) partida (f)	7
Aufstiegort (m) point of departure point (m) de départ, endroit (m) de l'ascension	мѣсто (n) подъёма luogo (m) di partenza punto (m) de partida	8
Hochfahrt (f), Höhenfahrt (f) voyage at high altitude ascension (f) à grande altitude	полётъ (m) на высоту ascensione (f) in altezza elevación (f) á gran altura	9
Dauerfahrt (f) voyage of long duration voyage (m) de durée	полётъ (m) на длительность ascensione (f) *o* viaggio (m) di durata viaje (m) de duración	10
Zielfahrt (f) voyage with a fixed destination voyage (m) avec destination fixe *ou* fixée à l'avance	полётъ (m) для достиженія заданнаго пункта ascensione (f) *o* viaggio (m) a destinazione fissa viaje (m) con destino fijo	11

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1	Weitfahrt (f), Fernfahrt (f) long distance voyage voyage (m) de distance	полётъ (m) на дальность ascensione (f) *o* viaggio (m) di distanza viaje (m) de distancia
2	Schnellfahrt (f) rapid voyage voyage (m) de vitesse, voyage (m) rapide	полётъ (m) на скорость ascensione (f) *o* viaggio (m) di velocità viaje (m) rápido
3	Sichtweite (f) range of vision champ (m), portée (f) de vision	кругозоръ (m) portata (f) di vista alcance (m) de la vista
4	Orientierung (f), Aufklärung (f) finding of ones bearings *or* position orientation (f)	оріентированіе (n); оріентировка (f) orientazione (f) orientación (f)
5	sich orientieren to find ones bearings *or* position s'orienter (v)	оріентироваться orientarsi (v) orientarse (v)
6	astronomische Ortsbestimmung (f) finding of ones bearings by astronomical observation détermination (f) astronomique du point, orientation (f) par l'observation astronomique	астрономическое опредѣленіе (n) мѣста orientamento (m) mediante osservazioni astronomiche determinación (f) del lugar por observaciones astronómicas, orientación (f) por observaciónes astronómicas
7	Steuerbord (m) starboard tribord (m)	штирбортъ (m); правая сторона (f) корабля tribordo (m) estribor (m)
8	Backbord (m) port bâbord (m)	бакбортъ (m): лѣвая сторона (f) корабля babordo (m) babor (m)
9	Geschwindigkeit von rund x km pro Std. velocity of about x km. per hr vitesse (f) de x kilomètres à l'heure	средняя скорость (f) приблизительно x километровъ въ часъ velocità (f) di circa x chilometri all'ora velocidad (f) aproximada de x kilómetros por hora
10	Sekundengeschwindigkeit (f) velocity (in metres) per second vitesse (f) (en mètres) par seconde	скорость (f) въ секунду velocità (f) al minuto-secondo velocidad (f) por segundo
11	Eigengeschwindigkeit actual speed [(f) vitesse (f) absolue *ou* réelle	собственная скорость (f) velocità (f) propria *o* reale velocidad (f) propia

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Geschwindigkeit (f) über dem Boden, relative Geschwindigkeit (f) relative speed vitesse (f) par rapport au sol	относительная скорость (f); скорость относительно земли velocità (f) relativa, velocità (f) rispetto alla terra velocidad (f) con relación al suelo	1
Abstieg (m) descent descente (f)	спускъ (m) discesa (f) descenso (m), bajada (f)	2
Aufwärtsstellung (f) position for ascent, inclined upwards inclinaison (f) pour la montée	положеніе (n) носомъ вверхъ inclinazione (f) di ascesa inclinación (f) para la subida	3
Abwärtsstellung (f) position for descent, inclined downwards inclinaison (f) pour la descente	положеніе (n) носомъ внизъ inclinazione (f) di discesa inclinación (f) para la bajada	4
Horizontalstellung (f) horizontal position position (f) horizontale	горизонтальное положеніе (n) posizione (f) orizzontale posición (f) horizontal	5
Schrägstellung (f) sloping position position (f) inclinée	косое положеніе (n); наклонное положеніе posizione (f) inclinata posición (f) inclinada	6
Gleichgewichtszone (f) zone of equilibrium zone (f) d'équilibre	зона (f) равновѣсія zona (f) d'equilibrio zona (f) de equilibrio	7
Gleichgewichtslage (f) position of equilibrium position (f) d'équilibre	положеніе (n) равновѣсія posizione (f) d'equilibrio posición (f) de equilibrio	8
im Gleichgewicht sein (v) to be in a state of equilibrium être (v) en équilibre	быть въ равновѣсіи; находиться въ равновѣсіи essere (v) in equilibrio estar (v) en equilibrio	9
Gleichgewichtsstörung (f) disturbance of equilibrium rupture (f) d'équilibre	нарушеніе (n) равновѣсія rottura (f) d'equilibrio pérdida (f) de equilibrio	10
Abtrieb (m) deviation déviation (f), dérive (f)	отклоненіе (n) deriva (f) deriva (f), abatimiento (m)	11
abgetrieben werden (v) to be driven out of ones course être (v) entraîné à la dérive	быть отнесённымъ trovarsi (v) alla deriva estar (v) desviado de su derrota	12
abtreiben (v) to deviate aller (v) à la dérive, dévier (v), dériver (v)	относить andare (v) alla deriva desviar (v) de su derrota	13

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1	Militärluftschiffahrt (f) military airship navigation aérostation (f) militaire	военное воздухоплаваніе (n) navigazione (f) aerea militare navegación (f) aérea militar
2	Militärluftschiff (n) military airship ballon (m) militaire	военный воздушный корабль (m) dirigibile (m) militare aerostato (m) militar
3	Luftschifferabteilung (f) balloon corps corps (m) d'aérostatiers militaires	воздухоплавательное отдѣленіе (n) corpo (m) aerostieri cuerpo (m) de aeronautas militares
4	Steuerfähigkeit (f) dirigibility dirigeabilité (f)	управляемость (f) dirigibilità (f) dirigibilidad (f)
5	Landung (f) landing atterrissage (m)	спускъ (m) на землю; причаливаніе (n) atterramento (m) aterramiento (m), toma (f) de tierra
6	Absturzgefahr (f) danger of falling danger (m) de chute	опасность низринуться *или* свалиться pericolo (m) di caduta peligro (m) de caída
7	Luftschifferschule (f) school of aeronautics école (f) d'aéronautique	воздухоплавательная школа (f) scuola (f) di aeronautica escuela(f)de aeronáutica
8	Luftschiffhalle (f), Ballonhalle (f) balloon *or* airship shed hangar (m) pour ballon	сарай (m) для аэростатовъ; элингъ (m) *или* ангаръ (m) для аэростата «hangar» (m) *o* capannone (m) *o* rimessa (f) per palloni cobertizo (m) para aerostato
9	Landungsplatz (m) landing place endroit (m) d'atterrissage	мѣсто (n) для спуска luogo (m) *o* posto (m) d'atterramento lugar (m) del aterramiento
10	Ankerplatz (m) anchorage, place to anchor ancrage (m)	якорное мѣсто (n); мѣсто, удобное для выбрасыванія якоря posto (m) d'ancoraggio ancoraje (m)
11	Luftschifflinie (f) airship line ligne (f) de dirigeables	рейсы (m pl), совершаемые воздушными кораблями linea (f) d'aeronave línea (f) de dirigibles
12	Ballongeschütz (n) balloon and aeroplane attacking gun canon (m) de ballon *ou* pour ballon	артиллерійское орудіе (n) для стрѣльбы по аэростатамъ cannone (m) da pallone cañón para globo

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XVIII.

Flugmaschinen
Flying Machines, Aeroplanes
Machines volantes

Летательныя машины
Macchine volanti
Máquinas voladoras

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gtechnik (f), [Aviatik (f)]
onautics, aviation
ation (f)

техника (f) полёта; авіація (f)
aviazione (f)
aviación (f) — 1

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gtechniker (m)
ert on flight, flying
achine builder
énieur-aviateur (m)

занимающійся техникой полёта инженеръ- (m) авіаторъ (m)
tecnico (m) d'aviazione
técnico (m) volador, aerotécnico (m) — 2

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rodynamik (f)
odynamics
odynamique (f)

аэродинамика (f)
aerodinamica (f)
aerodinámica (f) — 3

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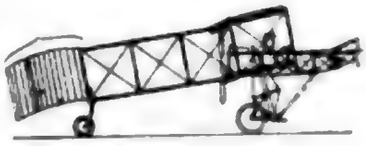
igmaschine (f), Flieger (m)
ing machine
achine (f) volante



летательная машина (f)
macchina (f) volante, macchina (f) per volare
máquina (f) voladora — 4

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hwerer als Luft
avier than air
us lourd que l'air

тяжелѣе воздуха
più pesante dell'aria
más pesado que el aire — 5

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lugapparat (m)
ying machine, apparatus for flying
ppareil (m) d'aviation

летательный аппаратъ (m)
aeroplano (m), apparecchio (m) per volare, velivolo (m)
aparato (m) volador — 6

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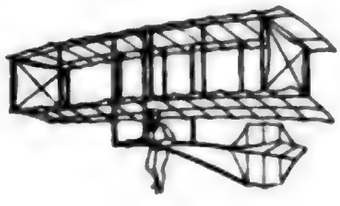
leitflieger (m)
lider
laneur (m)



планёръ (m); аппаратъ (m) для скользящаго полета
planeggiante (m)
planador (m) — 7

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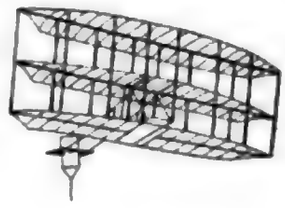
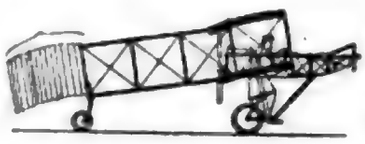
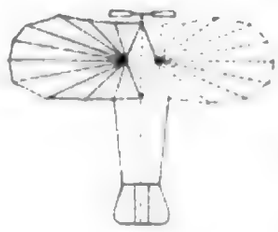
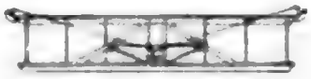
1	Handgleitflieger (m) glider [without motor] planeur (m) (sans moteur)		ручной планёръ (m) pianeggiante (m) con direzione a mano planador (m) con dirección á mano
2	einflächiger Gleitflieger (m) monoplane glider planeur (m) monoplan		одноповерхностный планёръ (m); планёръ-монопланъ (m) pianeggiante (m) monoplano monoplan (m) sin motor, planador (m) monoplan
3	mehrflächiger Gleitflieger (m) multiple plane glider planeur (m) à surfaces multiples, planeur (m) multiplan		многоповерхностный планёръ (m); планёръ-мультипланъ (m) pianeggiante (m) multiplano planador (m) de superficies múltiples, poliplanador (m)
4	Drachenflieger (m) kite shaped flying machine aéroplane (m), [machine (f) volante en forme de] cerf-volant (m)		аэропланъ (m) cervo (m) volante aeroplano (m), [máquina (f) voladora en forma de] cometa (f)
5	Aeroplan (m) Aeroplane aéroplane (m)		аэропланъ (m) aeroplano (m), velivolo (m) aeroplano (m)
6	Eindecker (m) single deck aeroplane monoplan (m)		монопланъ (m); одноповерхностный аэропланъ (m) monoplano (m) monoplano (m)
7	Zweidecker (m) double deck aeroplane biplan (m)		бипланъ (m); двухповерхностный аэропланъ (m) biplano (m) biplano (m)
8	Kastenflieger (m) box kite flying machine planeur (m) cellulaire, cerf-volant (m) prismatique *ou* cellulaire, aéroplane (m) cellulaire		коробчатый аэропланъ (m) aeroplano (m) cellulare planador (m) celular, cometa (f) prismática, aeroplano (m) celular
9	Dreidecker (m) three deck aeroplane triplan (m)		трипланъ (m); трёхповерхностный аэропланъ (m) triplano (m) triplano (m)

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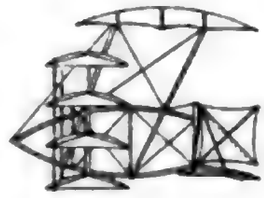
Dreideckerhandflieger (m)
three deck glider
planeur (m) triplan sans moteur

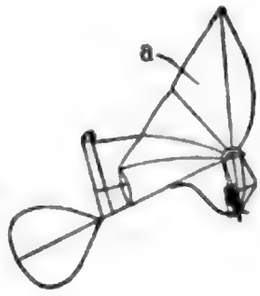
трёхповерхностный ручной планёръ (m)
triplano (m) senza motore *o* a mano
planador-triplano (m) [con dirección á mano] *1*

Mehrdecker (m), Vieldecker (m)
multiple plane flying machine
multiplan (m)



многоповерхностный планёръ (m); мультипланъ (m)
multiplano (m)
poliplano (m) *2*

Schwingenflieger (m)
flying machine with flapping wings
ornithoptère (m), machine (f) à ailes battantes



орнитоптёръ (m); ударнокрыльчатый летательный приборъ (m); авіонъ (m)
ortottero (m), apparecchio (m) ad ali battenti
ornitóptero (m) *3*

---

oszillierende Arbeitsflächen (f pl)
oscillating parts
surfaces (f pl) oscillantes, ailes (f pl) battantes

a

махающія крылья (n pl)
superfici (f pl) di lavoro oscillanti
planos (m pl) oscilantes *4*

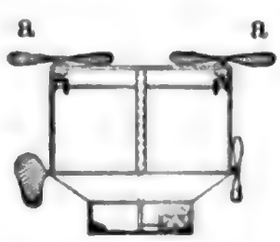
Segelflug (m)
soaring flight, soaring
vol (m) à la voile

парящій полётъ (m); парусный полётъ
volo (m) planato
vuelo (m) con velas *5*

Schlaggeschwindigkeit (f)
velocity *or* speed of flapping
vitesse (f) de battement

скорость (f) удара; маховая скорость; скорость взмаха
velocità (f) del battimento
velocidad (f) del aleteo, velocidad (f) de impulsión *6*

Schraubenflieger (m)
helicopter
hélicoptère (m)



геликоптеръ (m); винтовой летательный аппаратъ (m); аппаратъ (m), поддерживающійся въ воздухѣ винтами
elicottero (m)
helicóptero (m) *7*

Tragschraube (f)
elevating *or* ascension screw *or* propeller
hélice (f) sustentatrice

a

подъёмый винтъ (m)
elica (f) di sostegno, elica (f) portante
hélice (f) sustentadora *8*

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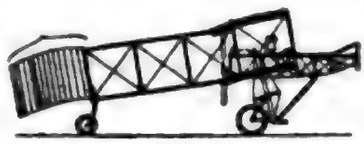
1 Kombinierter Drachen- und Schraubenflieger (m)
combination aeroplane and helicopter
machine (f) mixte: hélicoptère et aéroplane

комбинированный аэропланъ (m) съ геликоптеромъ; геликопланъ (m)
macchina(f) per volare mista: aeroplano ed elicottero
máquina (f) mixta: helicóptero y planador, helicoplano (m)

---

2 Motorgleitflieger (m)
motor driven aeroplane
aéroplane (m) à moteur



аэропланъ (m)
aeroplano(m) a motore
aeroplano (m) con motor, autoplanador (m)

---

3 Ballongleitflieger (m) nach Santos-Dumont
Santos-Dumont airship
ballon (m) dirigeable de Santos-Dumont

планирующій аэростатъ (m) Сантосъ-Дюмона; управляемый аэростатъ Сантосъ-Дюмона
pallone (m) dirigibile Santos-Dumont
globo (m) dirigible de Santos-Dumont

---

4 Gleitflug (m)
gliding flight
glissade (f)

скользящій полётъ(m); планированіе (n)
volo (m) librato *o* pianeggiante
vuelo (m) resbaladizo

---

5 hüpfender *oder* springender Flug (m)
undulating flight, (the plane is cresting and troughing
vol (m) avec soubresauts

гребной *или* весельный полётъ (m) съ перерывами
volo (m) balzellante *o* saltellante
vuelo (m) con saltos

---

6 stationärer Flug (m)
steady flight
vol (m) stationnaire

установившійся полётъ (m); полётъ по прямой линіи съ установившейся постоянной скоростью
volo (m) stazionario
vuelo (m) estacionario

---

7 stoßen (v)
to strike, to jerk forward (plötzlich vorwärts fahren), to pull up (sich verlangsamen), to fly haltingly (unregelmäßige Schnelligkeit)
heurter (v), voler (v) par à-coups

ударять; давить
trabalzare (v)
chocarse (v), volar (v) con sacudidas

---

8 abtreiben (v)
to drift, to yaw, to cat into the wind
voler (v) contre le vent

относить; отклонять
derivare (v)
volar (v) contra el viento

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wogen (v)
to pitch
voguer (v)

подымать
ondeggiare (v) 1
bogar (v)

---

rollen (v)
to roll
rouler (v)

колебаться вокругъ продольной оси
rullare (v) 2
balancear (v)

---

kippen (v)
to cant over, to careen, to heel over, to tip up
se renverser (v)

колебаться около поперечной оси; имѣть килевую качку
tracollare (v) 3
volcarse (v)

---

drehen (v)
to turn, to veer
virer (v), tourner (v)

вращать: поворачивать около вертикальной оси
girare (v), voltare (v) 4
girar (v)

Hydroplan (m)
hydroplane
hydroplane (m)

гидропланъ (m)
idroplano (m) 5
hidroplano (m)

---

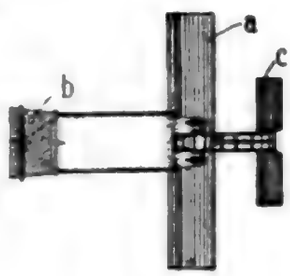
entlastete Flugmaschine (f)
flying machine with gas chamber to maintain buoyancy
machine (f) volante mixte: ballon et aéroplane

летательная машина (f) смѣшанной системы; комбинированные аэростатъ (m) и аэропланъ (m)
macchina (f) volante mista: pallone ed aeroplano 6
máquina (f) voladora mixta: globo y aeroplano

Aviatiker (m)
aviator
aviateur (m)

авіаторъ (m); человѣкъ (m), совершающій полётъ
aviatore (m) 7
aviador (m)

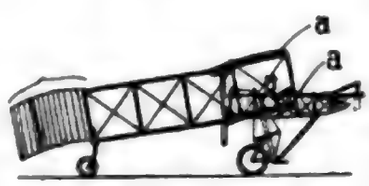
Apparatfläche (f)
surface *or* plane of the flying machine
surface (f) *ou* plan (m) de machine volante



a, b, c

поверхность (f) прибора
superficie (f) dell'apparecchio 8
superficie (f) ó plano (m) de máquina voladora

Tragdeck (n)
supporting plane *or* surface
surface (f) sustentatrice, plan (m) sustentateur



a

поддерживающая поверхность (f); опорная поверхность
ala (f) di sostegno 9
cubierta (f) sustentatriz, plano (m) sustentador

Tragfläche (f)
supporting plane *or* surface
surface (f) sustentatrice, plan (m) sustentateur

поддерживающая поверхность (f); опорная поверхность
superficie (f) di sostegno 10
plano (m) de sustentación

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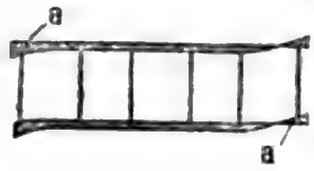
1 starre Tragfläche (f)
rigid supporting surface *or* plane
surface (f) sustentatrice *ou* plan (m) sustentateur rigide

жёсткая поддерживающая *или* опорная поверхность (f)
superficie (f) di sostegno fissa *o* rigida
plano (m) sustentador rígido

2 verstellbare Tragfläche (f)
adjustable supporting surface *or* plane
surface (f) sustentatrice mobile *ou* inclinable

перемѣщаемая поддерживающая поверхность (f); подвижная опорная поверхность
superficie (f) di sostegno *od* ala (f) spostabile
plano (m) sustentador móvil

3 Verwindung (f)
wing twisting (absichtlich), buckling, winding (durch Unfall)
gauchissement (m)



перекашиваніе (n)
svergolamento (m)
torsión (f)

4 verwindbare Tragfläche (f)
winding supporting surface
surface (f) sustentatrice gauchissable

a

перекашиваемая поддерживающая поверхность (f); искривляемая опорная поверхность
superficie (f) *od* ala (f) torcibile
plano (m) sustentador flexible *o* de torsión

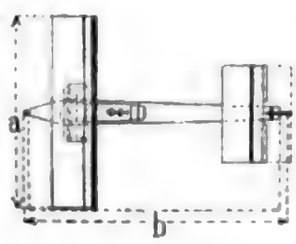
5 federnde Tragfläche (f)
elastic supporting surface *or* plane
surface (f) sustentatrice flexible

пружинящая поддерживающая *или* опорная поверхность (f)
superficie (f) di sostegno elastica *o* molleggiante
plano (m) sustentador flexible

6 Segelfläche (f)
sail area
surface (f) de vollure *ou* en toile à voile

парусная площадь (f); площадь парусности
superficie (f) della velatura
área (f) del plano, superficie (f) de la vela

7 Spannweite (f)
span across the wings
envergure (f)



ширина (f) аппарата; размахъ (m)
larghezza (f) massima
anchura (f) del plano

a

8 Ausmaß (n)
overall length, length between perpendiculars (of a ship)
longueur (f) totale

b

длина (f) аппарата
lunghezza (f) totale
longitud (f) total

9 Abmessung (f)
measurement
dimension (f)

a b

обмѣръ (m); размѣръ (m)
dimensione (f)
dimensión (f)

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Gesamtoberfläche (f)
total surface
surface (f) totale

полная поверхность (f); поверхность въ общей сложности
superficie (f) totale
área (f) total

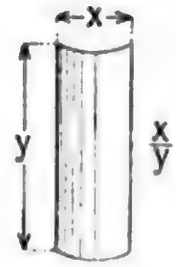
1

Aspekt (m)
aspect, aspect of projected area
aspect (m), forme (f) (projectée)

видъ (m)
aspetto (m)
aspecto (m), forma (f)

2

Aspektverhältnis (n)
~~ratio of projected area to actual surface~~
rapport (m) des dimensions



отношеніе (n) размѣровъ
rapporto (m) di aspetto
relación (f) entre las dimensiones

3

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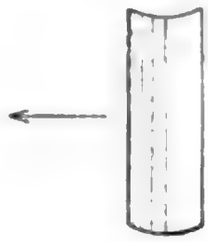
flügelförmiger (pterygoider) Aspekt (m)
pterygoid aspect
forme (f) ailée



поверхность (f), расположенная меньшею стороною вдоль направленія движенія [какъ крыло у птицъ]
aspetto (m) aliforme
aspecto (m) de alas, forma (f) alada

4

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apteroider Aspekt (m)
apteroid aspect
forme (f) aptère *ou* sans ailes

поверхность (f), расположенная большею стороною вдоль направленія движенія
forma (f) senza ali
forma (f) sin alas

5

Gesamtgewicht (f)
total weight
poids (m) total

общій вѣсъ (m)
peso (m) totale *o* complessivo
peso (m) total

6

Tragvermögen (n)
carrying power
capacité (f) d'enlèvement d'une charge

грузоподъёмность (f)
forza (f) di sostegno
fuerza (f) ascensional

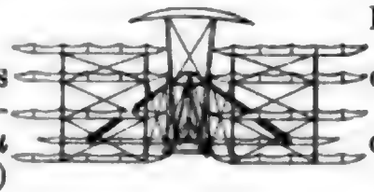
7

Belastung (f) pro Flächeneinheit, spezifische Belastung (f)
load per unit of surface, specific load
charge (f) par unité de surface, charge (f) spécifique

нагрузка (f) на единицу площади; удѣльная нагрузка
carico (m) per unità di superficie, carico (m) specifico
carga (f) por unidad de superficie, carga (f) específica

8

Anordnung (f) der Flächen
arrangement of planes
disposition (f) des surfaces (portantes) *ou* plans (sustentateurs)



распредѣленіе (n) поверхностей
disposizione (f) delle ali *o* delle superfici
disposición (f) de los planos

9

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1	Elevationswinkel (m) der Tragflächen angle of elevation of planes, angle between the planes and the horizon angle (m) d'incidence des plans [à la montée]	уголъ (m) подъёма поддерживающихъ *или* опорныхъ поверхностей angolo (m) d'incidenza dei piani *o* delle superfici ángulo (m) de inclinación de los planos [para la subida]
2	Neigungswinkel (m) angle of inclination angle (m) d'incidence *ou* d'attaque [à la descente)	уголъ (m) наклона angolo (m) d'inclinazione, angolo (m) d'attacco ángulo (m) de inclinación (durante la bajada)
3	Einfallwinkel (m) angle of incidence angle (m) d'inclinaison	уголъ (m) наклоненія [съ направленіемъ движенія]; уголъ траекторіи angolo (m) di caduta ángulo (m) de inclinación
4	gewölbte Flächen (f pl) cambered *or* curved *or* bellied planes surfaces (f pl) *ou* ailes (f pl) courbes	вогнутыя поверхности (f pl) superfici (f pl) *od* ali (f pl) curvate planos (m pl) combados
5	Körper (m) body, frame armature (f), fuselage (m)	тѣло (n); остовъ (m); корпусъ (m) corpo (m), intelaiatura (f), fusoliera (f) armadura (f)
6	parabolisch gewölbte Fläche (f) parabolic surface surface (f) à profil parabolique	параболически вогнутыя поверхности (f pl) superficie (f) *od* ala (f) a curvatura parabolica superficie (f) parabólica
7	Doppelflächen (f pl) double planes plans (m pl) doubles	сдвоенныя поверхности (f pl); двойныя поверхности superfici (f pl) doppie planos (m pl) dobles
8	vogelflügelartig (adj) pinion *or* birds wing shaped en forme d'aile d'oiseau	на подобіе крыльевъ птицъ foggiato ad ala di uccello en forma de ala de pajaro
9	geschweifter Vogelflügel (m) curved pinion *or* birds wing shaped aile (f) d'oiseau recourbée	продолговатое птичье крыло (n) ala (f) d'uccello incurvata ala (f) de pajaro encorvada

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Fledermausfläche (f)
batswing shaped plane surface (f) en ailes de chauve-souris

a

поверхности (f pl) на подобіе крыльевъ летучей мыши
superficie (f) ad ala di pipistrello
plano (m) en forma de ala de murciélago

1

Klappenflügel (m)
flapper wings
aile (f) à charnière *ou* articulée

крыло (n) на шарнирахъ; клапанчатое крыло
ala (f) a finestra
ala (f) de charnela

2

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jalousieartiger Flügel (m)
wing constructed like venetian blinds
aile (f) en forme de jalousies

крыло (n) на подобіе жалузи
ala (f) a tramezze mobili, ala (f) a persiana
ala (f) en forma de celosía

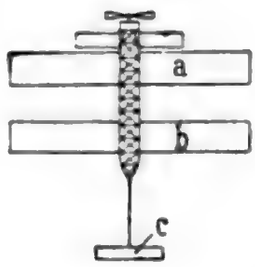
3

Hauptzelle (f)
main body
cellule (f) principale

главная коробка (f) *или* клѣтка (f)
cellula (f) principale
caja (f) ó celda (f) principal

4

Vorderfläche (f)
forward surface
surface (f) *ou* plan (m) avant



a

передняя поверхность (f)
superficie (f) *od* ala (f) anteriore, piano (m) anteriore
plano (m) á proa

5

Hinterfläche (f)
rear surface
surface (f) *ou* plan (m) arrière

b

задняя поверхность (f)
superficie (f) *od* ala (f) posteriore, piano (m) posteriore
plano (m) á popa

6

Schwanzflächen (f pl)
tail surfaces *or* planes
surfaces (f pl) de queue, queue (f)

c

хвостовыя поверхности (f pl)
superfici (f pl) di coda
planos (m pl) de la cola

7

Stirnfläche (f)
frontal surface
plan (m) avant, équilibreur (m)

лобовая поверхность (f)
piano (m) equilibratore anteriore
plano (m) frontal

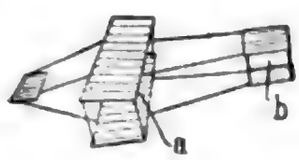
8

Kielfläche (f)
keel surface
surface (f) de la quille

площадь (f) киля; плоскость (f) киля
superficie (f) della chiglia
superficie (f) de la quilla

9

Vorderzelle (f)
forward body *or* section
cellule (f) avant



a

передняя коробка (f) *или* клѣтка (f)
cellula (f) anteriore
celda (f) delantera

10

Hinterzelle (f)
rear body *or* section
cellule (f) arrière

b

задняя коробка (f) *или* клѣтка (f)
cellula (f) posteriore
celda (f) trasera

11

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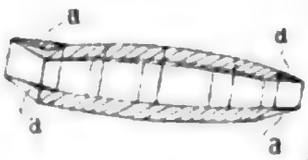
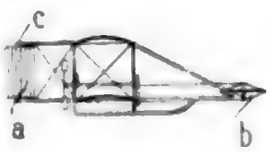
1	Stabilisatoren (m pl) balancers stabilisateurs (m pl), équilibreurs (m pl)		стабилизаторы (m pl) stabilizzatori (m pl) estabilizadores (m pl)
2	Stabilisierungsfläche (f) balancing plane *or* surface surface (f) stabilisatrice, empennage (m) stabilisateur		стабилизирующая плоскость (f); плоскость устойчивости piano (m) stabilizzatore, superficie (f) di stabilizzazione plano (m pl) estabilizador
3	Schwingenfläche (f) oscillating plane *or* surface surface (f) *ou* aile (f) battante	 a	маховыя поверхности (f pl); махающія крылья (n pl) superficie (f) battente, superficie (f) dell'ala plano (m) *ó* ala (f) oscilante
4	dreieckiges Quersteuer (n) an den Flügelenden triangular lateral balancing planes at the ends of the wings ailerons (m pl) stabilisateurs triangulaires placés en bout d'aile	 a	треугольныя стабилизирующія плоскости (f pl) на концахъ крыльевъ; рули (m pl) поперечной (боковой) устойчивости; боковыя крылышки (n pl) alette (f pl) triangolari di stabilità estabilizadores (m pl) triangulares del extremo del ala
5	Steuer (n) rudder gouvernail (m)	 a b	руль (m) timone (m) timón (m)
6	Steuerung (f) steering, control direction (f)		управленіе (n) помощью руля direzione (f) gobierno (m), dirección (f)
7	Steuerfläche (f) rudder area *or* surface surface (f) du gouvernail		площадь (f) руля superficie (f) del timone plano-timón (m)
8	Höhensteuer (n) horizontal rudder gouvernail (m) de hauteur, équilibreur (m), gouvernail (m) de profondeur, gouvernail (m) horizontal	b	руль (m) высоты; руль глубины timone (m) di elevazione, timone (m) di profondità timón (m) de altura *ó* de profundidad
9	Vordersteuer (n) forward rudder gouvernail (m) avant	b	передній руль (m) timone (m) anteriore timón (m) de proa

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Seitensteuer (n) vertical rudder gouvernail (m) de direction	a	руль (m) направленія timone (m) di direzione orizzontale timón (m) de dirección	1
Drehachse (f) des Steuers rudder pin *or* axis *or* spindle axe (m) de rotation du gouvernail	c	поворотная ось (f) руля asse (m) di direzione del timone eje (m) de rotación del timón	2
kombiniertes Höhen- und Seitensteuer (n) combined horizontal and vertical rudder gouvernail (m) horizontal et vertical combinés		комбинированные руль (m) высоты и направленія timone (m) orizzontale e di elevazione combinati timón (m) combinado de altura y de dirección	3
Flächensteuer (n) rudder constructed of planes gouvernail (m) formé de surfaces planes		руль (m) въ формѣ поверхностей timone (m) a piani timón (m) por planos	4
Steuerfläche (f) rudder plane surface (f) de gouvernail		площадь (f) руля superficie (f) del timone plano (m) del timón	5
Schwanzsteuer (n) tail *or* rear rudder gouvernail (m) arrière	 a	хвостовой руль (m) timone (m) posteriore, timone (m) di coda timón (m) de popa *ó* de cola	6
Seitensteuersegel (n) vertical canvas rudder gouvernail (m) vertical formé d'un seul plan	 a	вертикальный парусный руль (m) vela (f) del timone di direzione orizzontale timón (m) de dirección por ala	7
Seitensteuerfläche (f) vertical rudder surface surface (f) du gouvernail de direction		вертикальная парусная рулевая поверхность (f) superficie (f) del timone di direzione orizzontale plano (m) del timón de dirección	8
Höhensteuersegel (n) horizontal canvas rudder gouvernail (m) de hauteur formé d'une surface	b	парусный руль (m) высоты vela (f) del timone di profondità ala (f) del timón de altura	9
Kastensteuer (n) double rudder gouvernail (m) cellulaire		коробчатый руль (m) timone (m) cellulare, cellula (f) direttrice timón (m) celular	10

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1 Grundfläche (f)
stabilisator, stay *or* steadying sail
stabilisateur (m)

основная плоскость (f)
piano (m) stabilizzatore
plano (m) de base

2 Horizontalfläche (f)
horizontal rudder
gouvernail (m) horizontal

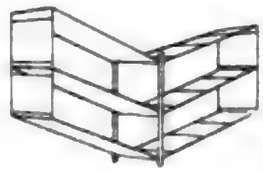
горизонтальная плоскость (f)
piano (m) orizzontale
plano (m) horizontal

3 Vertikalfläche (f)
vertical rudder
gouvernail (m) vertical

вертикальная плоскость (f)
piano (m) verticale
plano (m) vertical

4 Zellendrachen (m), Kastendrachen (m)
box kite
cerf-volant (m) cellulaire

коробчатый змѣй (m)
cervo (m) volante cellulare
cometa (f) celular



5 Zellengruppen (f pl)
compound box construction
groupe (m) de cellules

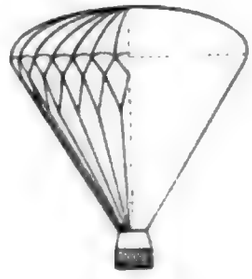
коробчатыя группы (f pl)
gruppi (m pl) di cellule
grupo (m) de celdas.

6 Zellendrachenflieger(m)
box kite wings
machine (f) à voler *ou* planeur (m) en forme de cerf-volant cellulaire, aéroplane (m) cellulaire

коробчатый аэропланъ (m)
macchina (f) per volare in forma di cervo volante cellulare
máquina (f) voladora *ó* planador (m) celular, aeroplano (m) celular

7 Tetraederdrachen (m)
tetrahedral kite
cerf-volant (m) prismatique

тетраэдровидный змѣй (m)
cervo (m) volante tetraedrico
cometa (f) tetraédrica



8 Fallschirm (m)
parachute
parachute (m)

парашютъ (m)
paracadute (m)
paracaídas (m)

9 Rahmen (m) für die Tragfläche
framework of supporting plane
cadre (m) *ou* châssis (m) *ou* carcasse (f) de surface

остовъ (m) для поддерживающихъ поверхностей; каркасъ (m) для опорныхъ поверхностей
telaio (m) *o* armatura (f) *od* ossatura (f) delle ali di sostegno
bastidor (m) para planos

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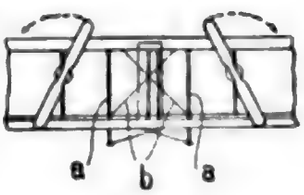
.mbus (m) mboo mbou (m)	бамбукъ (m) bambù (m) caña (f) de bambú	1
ımbusstab (m) .mboo rod ge (f) de bambou	бамбуковыя палки (f pl) *или* трости (f pl) canna (f) di bambù bastón (m) de bambú	2
schenholzleiste (f) h lath ıguette (f) de frêne	брусокъ (m) ясеневаго дерева listello (m) *o* bastone (m) di frassino bastón (m) de fresno	3
erbindungsstab (m) e ontant (m) de liaison, entretoise (f)	соединительныя стойки (f pl) tirante (m) d'unione barra (f) de empalme	4
erbindungsdraht (m), Spanndraht (m) :ay wire l (m) de liaison, tirant (m), hauban (m)	соединительныя проволоки (f pl); проволочныя стяжки (f pl) *или* струны (f pl) filo (m) d'unione, filo (m) di tensione alambre (m) de empalme *ó* de tension	5
tahlrohrgerüst (n) ubular steel frame hâssis (m) en tubes métalliques	остовъ (m) *или* каркасъ (m) изъ стальныхъ трубъ intelaiatura (f) in tubi d'acciaio bastidor (m) de acero tubular	6
Klaviersaitendraht (m) piano wire :orde (f) à piano	фортепіанная струнная проволока (f) corda (f) da pianoforte cuerda (f) de piano	7
Stahlrohrversteifung (f) :einforcement with steel tubes renforcement (m) en tubes d'acier	крѣпленіе (n) стальными трубами rinforzo (m) con tubi d'acciaio refuerzo (m) por tubos de acero	8
Bekleidungsstoff (m) covering revêtement (m)	покрытіе (n); матеріалъ (m) для покрышки materiale (m) di rivestimento material (m) protector	9
Seide (f) silk soie (f)	шёлкъ (m); шёлковая ткань (f) seta (f) seda (f)	10



a

b

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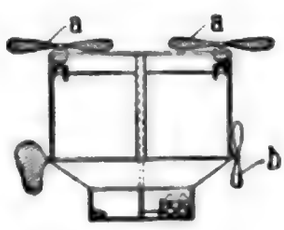
1	gefirnißtes japanisches Papier (n) varnished Japanese paper papier (m) japonais verni	лакированная японская бумага (f) carta (f) giapponese papel (m) japonés barnizado
2	Leinenpapier (n) linen paper papier (m) de chiffons	бумага (f) изъ льняныхъ тряпокъ carta-tela (f) papel (m) de hilo
3	Dichtungsmittel (n) waterproofing material préparation (f) imperméable	средство (n) для достиженія непроницаемости preparato (m) per impermeabilizzare medio (m) ó material (m) de impermeabilización
4	Kopallack (m) copal varnish vernis (m) au copal	копаловый лакъ (m) vernice (f) coppale barniz (m) copal
5	Steifigkeit (f) stiffness rigidité (f)	жёсткость (f) rigidità (f), rigidezza (f) rigidez (f)
6	Sitzraum (m) seating space, well emplacement (m) des sièges	мѣсто (n) для сидѣнія spazio (m) da sedere disponibile per gli avviatori sitio (m) para los aviadores y pasajeros
7	Führersitz (m), Lenkersitz (m) driver's seat siège (m) du pilote	сидѣніе (n) для пилота; сидѣніе для управляющаго seggiolino (m), sedile(m) o posto (m) del conduttore o del pilota asiento (m) del piloto
8	Flugmotor (m) aero-motor moteur (m) pour l'aviation	моторъ (m) для летательныхъ машинъ motore (m) d'avviazione motor (m) para máquina voladora
9	Schraube (f) screw, propeller hélice (f), propulseur (m)	винтъ (m) elica (f) hélice (f), tornillo (m) propulsor (m)
10	Hubschraube (f) lifting propeller hélice (f) sustentatrice	подъёмный винтъ (m pl) elica (f) di elevazione o di sollevamento hélice (f) de sustentación
11	Treibschraube (f) driving propeller hélice (f) propulsive (ou tractive)	винтъ (m pl), сообщающій поступательное движеніе elica (f) di spinta hélice (f) ó tornillo (m) de propulsión



a

b

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:raft (f)
g power
ance (f) de poussée
de soulèvement

подъёмная сила (f)
forza (f) di elevazione *o* di sollevamento
fuerza (f) de elevación *ó* ascensional 1

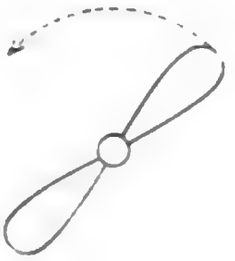
llschraube (f)
.l propeller
e (f) métallique

металлическій винтъ (m)
elica (f) metallica
hélice (f) metálica 2

schraube (f)
len propeller
:e (f) en bois

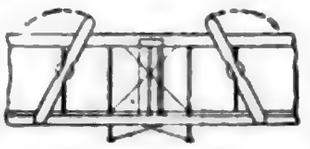
деревянный винтъ (m)
elica (f) di legno
hélice (f) de madera 3

.rehungsrichtung (f)
:tion of rotation
(m) de rotation



направленіе (n) вращенія
senso (m) di rotazione, senso (m) in cui gira l'elica
sentido (m) de rotación 4

ınläufige Schrauben (fpl)
ws rotating in oppo-
:e directions
ces (f pl) tournant en
ns contraire



винты (m pl), вращающіеся въ противоположныя стороны
eliche (f pl) giranti in senso inverso
par (m) de hélices de sentidos contrarios 5

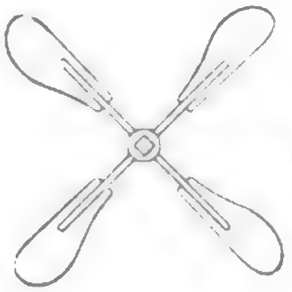
sialschub (m) der
·eibschrauben
ıst of the driving
·opellers
ssée (f) des hélices
ans l'axe)

сообщеніе (n) поступательнаго движенія винтами; тяга (f) винта
spinta (f) assiale delle eliche di propulsione
fuerza (f) axial de las hélices 6

iflügelige Schraube (f)
· bladed screw
.ce (f) à deux bran-
ıes *ou* pales

двухлопастный винтъ (m)
elica (f) a due pale
hélice (f) de dos alas 7

rflügelige Schraube (f)
r bladed screw
ice (f) à quatre bran-
hes *ou* pales



четырёхлопастный винтъ (m)
elica (f) a quattro pale
hélice (f) de cuatro alas 8

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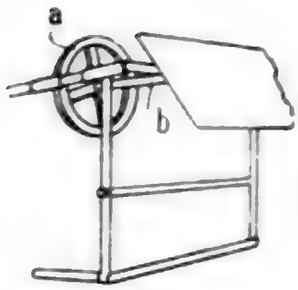

1	Steuerrad (n) steering wheel volant (m) de direction	штурвальное колесо (n) volante (m) di direzione volante (m)
	a	
2	Steuerstange (f) steering rod barre (f) de gouvernail	штурвалъ (m); рулевая штанга (f) albero (m) *o* asse (m) di direzione árbol (m) del volante
	b	
3	Steuerhebel (m) steering lever levier (m) de commande *ou* de direction	рулевой рычагъ (m) leva (f) di comando della direzione palanca (f) de gobierno
4	Magnaliumblech (n) magnalium sheeting tôle (f) de magnalium	магналіевая жесть (f) lamiera (f) di magnalio chapa(f) de magnalium
5	Fahrgestell (n) carriage chariot (m) de lancement	телѣжка (f) carrello (m) bastidor (m) de ruedas
6	Anlaufgestell (n) starting carriage *or* cradle chariot (m) de lancement	телѣжка (f) для разбѣга carrello (m) di slancio bastidor (m) de arranque
7	Anlaufvorrichtung (f) starting arrangement dispositif (m) de lancement *ou* de départ	приспособленіе (n) для разбѣга dispositivo (m) per prendere lo slancio mecanismo (m) de arranque
8	Startvorrichtung (f) starting arrangement dispositif (m) de départ	приспособленіе (n) для разбѣга dispositivo (m) per la partenza *o* per la mossa disposición (f) para la partida
9	Anlaufrad (n) wheel for starting roue (f) de départ	колесо (n) для разбѣга ruota (f) di slancio rueda (f) de arranque
	a	
10	Stoßfänger (m) (Amortiseur) buffer amortisseur (m)	амортизаторъ (m); буферъ (m) ammortizzatore (m) amortiguador (m)

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Gestellfederung (f)
spring suspension (of the chassis or frame)
ressorts (m pl) du chariot *ou* du châssis

подвѣшиваніе (n) остова на рессорахъ
molleggiamento (m) del telaio
muelles (m pl) del carro *ó* del bastidor
1

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pneumatische Federung (f)
pneumatic spring suspeusion
ressorts (m pl) à air comprimé

пневматическое пружиненіе (n)
molleggiamento (m) pneumatico
resorte (m) neumático
2

Laufschiene (f)
rails, starting rails
rail (m) de départ *ou* de lancement

рельсъ (m) для разбѣга [въ аэропланѣ Райта]
rotaia (f) di slancio
carril (m) de arranque
3

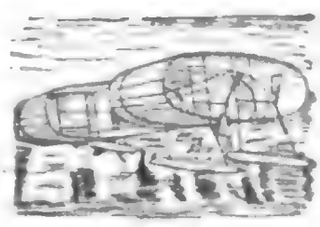
Gestell (n) mit Schwenkrädern
carriage with swivel wheels
chariot (m) à roues orientables

колёсный ходъ (m) съ поворотными колёсами
carrello (m) con ruote sterzabili
bastidor (m) de ruedas giratorias sobre un eje vertical
4

Pneumatikrad (n)
pneumatic tyre wheel
roue (f) à pneumatique

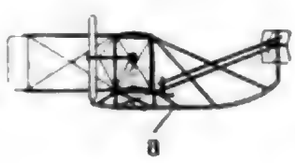
пневматическое колесо (n)
ruota (f) con pneumatico
rueda (f) de neumático
5

Anlauf (m) auf Schwimmern
starting on a float
départ (m) sur flotteur



разбѣгъ (m) по водѣ [на поплавкахъ]
slancio (m) su galleggianti
arranque (m) por flotador
6

Schlittenkufen (f pl)
slippers, sleigh runners
patins (m pl)



a

салазки (m pl); полозья (m pl)
pattini (m pl)
patines (m pl)
7

Fallgewicht (n)
falling weight
contrepoids (m) (servant au lancement)

a

падающій [съ пилона *или* копра] грузъ (m)
contrappeso (m) nel pilone di slancio
contrapeso (m) (para el lanzamiento)
8

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1	Flugplatz (m), Flugfeld (n) enclosure, aviation course champ (m) d'aviation	поле (n), предназначенное для полётовъ; поле, отведённое подъ полёты; аэродромъ (m) campo (m) di volo campo (m) de aviación
2	Fliegerschuppen (m), Hangar (m) shed, aeroplane shed hangar (m) pour aéroplanes	сарай (m) для летательныхъ машинъ capannone (m) *o* rimessa (f) *o* hangar (m) per aeroplani cobertizo (m) para aparatos voladores
3	Schauflug (m) public flight, exhibition flight vol (m) en public	публичный полётъ (m) volo (m) di dimostrazione vuelo (m) en presencia de espectadores
4	Höhenflug (m) flying to a height vol (m) en hauteur	полётъ (m) на высоту volo (m) d'altezza vuelo (m) en altura
5	Dauerflug (m) non-stop flight, long flight vol (m) de durée	полётъ (m) на продолжительность volo (m) di durata, volo (m) di distanza vuelo (m) de duración
6	Überlandflug (m) cross-country flight vol (m) en dehors du champ d'aviation, vol (m) à travers un pays	полётъ (m) на дальность [черезъ поля, рѣки, деревни, города и т. д.] volo (m) attraverso la campagna vuelo (m) fuera del campo de aviación
7	Wettflug (m) flying race vol (m) de concours	полётъ (m) на состязаніе volo (m) a gare vuelo (m) de concurrencia
8	Anlaufversuch (m) starting trial essai (m) de départ	проба (f) разбѣга; попытка (f) разбѣга tentativo (m) di slancio prueba (f) de lanzamiento
9	Anlaufbahn (f) starting run *or* course piste (f) *ou* voie (f) de départ	дорожка (f) для разбѣга rotaie (f pl) di slancio pista (f) de arranque, carril (m) de lanzamiento
10	Anlaufart (f), Anlaufmethode (f) method of starting méthode (f) *ou* procédé (m) de départ	методъ (m) разбѣга metodo (m) di slancio sistema (m) de lanzamiento

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Anlaufgeschwindigkeit (f) speed of starting vitesse (f) de départ	скорость (f) разбѣга velocità (f) dello slancio velocidad (f) de lanzamiento	1
Anlauf nehmen (v) to take a running start prendre (v) le départ	разбѣжаться prendere (v) lo slancio tomar (v) impulso	2
Anfahrversuch (m) trial start essai (m) de départ	попытка (f) разбѣга на ѣздѣ tentativo (m) di slancio prueba (f) de vuelo por impulso	3
Flügelhub (m) stroke of the wings coup (m) d'aile, amplitude (f) du battement d'aile	подъёмъ (m) крыла innalzamento (m) *o* corsa (f) delle ali carrera (f) de las alas	4
sich erheben (v) to rise s'élever (v)	подняться elevarsi (v), innalzarsi (v) remontarse (v)	5
Abflug (m) start vol (m) en descente	взлёть (m); полёть (m), направленный внизъ volo (m) in discesa descenso (m)	6
Auftrieb (m) elevating *or* raising force puissance (f) *ou* pouvoir (m) d'élévation	подъёмная сила (f) potere (m) di elevazione poder (m) ascensional	7
Aufströmung (f) up currents courant (m) revenant sur la face arrière	потокъ (m) вверхъ corrente (f) ascendente corriente (f) incidente sobre la superficie trasera	8
aerodynamischer Auftrieb (m) aerodynamic raising *or* vertical force pouvoir (m) de sustentation aérodynamique	аэродинамическая подъёмная сила (f) potere (m) di sollevamento aerodinamico poder (m) ascensional aerodinámico	9
Vortrieb (m) forward drive impulsion (f), translation (f)	тяга (f) вперёдъ; поступательная тяга traslazione (f), volo (m) in avanti impulso (m)	10
Vortrieb[s]kraft (f) forward driving force force (f) de translation *ou* d'impulsion	сила (f) тяги вперёдъ; поступательная сила тяги forza (f) di traslazione fuerza (f) de impulsión	11
Vorwärtsflug (m) forward flight vol (m) en avant	поступательный полёть (m) volo (m) in avanti vuelo (m) de frente	12

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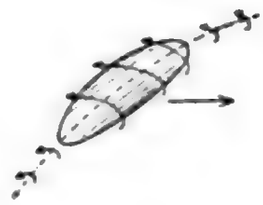
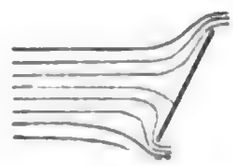
aerodynamische Grundformel (f) fundamental formula 1 of the principle of aerodynamics formule (f) fondamentale d'aérodynamique		аэродинамическая основная формула (f) formula (f) fondamentale aerodinamica fórmula (f) fundamental de aerodinámica
Normaldruck (m) 2 pressure at right angles pression (f) normale		нормальное давленіе (n) pressione (f) normale presión (f) normal
peripterale Bewegung (f) air currents flowing around the plane, the 3 air currents hug the plane mouvement (m) à la périphérie *ou* sur les bords		движеніе (n) по окружностямъ movimento (m) periferale movimiento (m) á la periferia
Stromlinie (f) 4 stream line filet (m) d'air		линіи (f pl) воздушнаго потока linea (f) della corrente linea (f) de corriente
Niveaulinie (f) 5 pressure line ligne (f) de niveau		линіи (f pl) уровня; линіи, перпендикулярныя къ линіямъ воздушнаго потока linea (f) di livello curva (f) de nivel
kontinuierliche Strömung (f) 6 unbroken stream lines courant (m) continu		постоянное теченіе (n) безъ воздушныхъ вихрей corrente (f) continuativa corriente (f) continua
diskontinuierliche Strömung (f) 7 interrupted *or* broken stream lines courant (m) discontinu		непостоянное теченіе (n) corrente (f) discontinuativa corriente (f) discontinua
Turbulenz (f) 8 whirls, wind eddies agitation (f) vive		возмущеніе (n) turbolenza (f) agitación (f) viva
Wirbel (m) 9 eddy tourbillon (m)		вихрь (m); воздуховоротъ (m) turbine (m), grappo (m) *o* nodo (m) di vento remolino (m)
Wirbelbildung (f) formation of eddies *or* 10 vortices formation (f) de tourbillons		образованіе (n) вихрей formazione (f) di turbini formación (f) de remolinos
Wirbelbewegung (f) vortex trains 11 mouvement (m) giratoire *ou* tourbillonnant		вихревое движеніе (n) movimento (m) del turbine movimiento (m) torbellino

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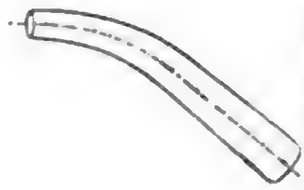
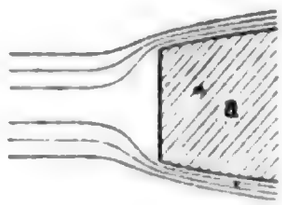
Wirbelaxe (f) axis of vortex axe (m) du tourbillon	a	вихревая ось (f); asse (m) del turbine eje (m) del remolino	1
Wirbellinie (f) eddy current curve ligne (f) *ou* courbe (f) d'un tourbillon		вихревая линія (f) linea (f) di turbine linea (f) *ó* curva (f) de un remolino	2
Wirbelfaden (m) tube filet (m) d'air d'un tourbillon		вихревая струя (f); вихревой снопъ (m) filo (m) di turbine hilo (m) de aire de un remolino	3
Wirbelfläche (f) surface of discontinuity surface (f) d'un tourbillon	 a	поверхность (f), отдѣляющая пространство, въ которомъ происходятъ вихревыя движенія, отъ пространства, въ которомъ таковыхъ нѣтъ superficie (f) di turbine superficie (f) de un remolino	4
Stabilität (f) stability stabilité (f)		стабильность (f); устойчивость (f) stabilità (f) estabilidad (f)	5
automatische Stabilität (f) automatically maintained stability, gyroscopic equilibrium stabilité (f) par des moyens automatiques		автоматическая устойчивость (f); равновѣсіе (n), возстановляемое автоматически stabilità (f) automatica estabilidad (f) automática	6
Längsstabilität (f), [longitudinale Stabilität (f)] longitudinal stability stabilité (f) longitudinale		устойчивость (f) въ продольномъ направленіи; устойчивость въ направленіи полёта; устойчивость въ отношеніи къ килевой качкѣ stabilità (f) longitudinale estabilidad (f) longitudinal	7
Seitenstabilität (f), [transversale Stabilität (f)], Querstabilität (f) lateral stability stabilité (f) transversale *ou* latérale		боковая *или* поперечная устойчивость (f); устойчивость въ отношеніи вращенія поперечной оси stabilità (f) trasversale estabilidad (f) transversal	8
stabil (adj) stable, steady (adj) stable (adj)		устойчивый stabile (agg) estable (adj)	9

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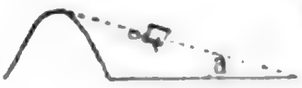
1	Gleichgewicht (n) balance, equipoise équilibre (m)	равновѣсie (n) equilibrio (m) equilibrio (m)
2	labiles Gleichgewicht (n) unstable equipoise *or* balance équilibre (m) instable	неустойчивое равновѣсie (n) equilibrio (m) instabile equilibrio (m) inestable
3	indifferentes Gleichgewicht (n) neutral balance weight équilibre (m) indifférent	безразличное равновѣсie (n) equilibrio (m) indifferente equilibrio (m) indiferente
4	Balance halten (v) to keep *or* maintain the balance maintenir (v) *ou* garder (v) l'équilibre	сохранять равновѣсie; балансировать mantenere (v) l'equilibrio mantenere (v) el equilibrio
5	Gleitwinkel (m) gliding angle angle (m) de glissement *ou* de planement	уголъ (m) скольженія angolo (m) di volo *o* di slittamento *o* di scivolamento ángulo (m) de deslizamiento
6	Anfanggeschwindigkeit (f) velocity at starting vitesse (f) initiale au départ	начальная скорость (f) velocità (f) iniziale velocidad (f) inicial
7	Eigengeschwindigkeit (f) actual speed vitesse (f) propre	собственная скорость (f) velocità (f) propria velocidad (f) propia
8	Fluggeschwindigkeit (f) speed of flight (including speed of air currents) vitesse (f) de vol	скорость (f) полёта velocità (f) di volo velocidad (f) de vuelo
9	Flugbahn (f) course *or* path *or* route of flight trajectoire (f) *ou* trajet (m) du vol, parcours (m)	пройденный путь (m); проложенный на картѣ путь; линія (f) полётовъ на планѣ linea (f) di volo trayectoria (f) *ó* trayecto (m) del vuelo
10	Flugarbeit (f) work of flight travail (m) du vol	работа (f), затраченная на полётъ lavoro (m) di volo trabajo (m) del vuelo
11	Ökonomie (f) des Flugs fuel economy, high range of action économie (f) dans le vol	экономичность (f) полёта economia (f) del volo economía (f) en el vuelo



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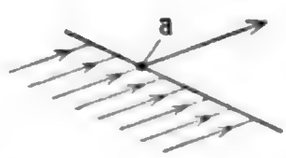
Bahnkrümmung (f) curvature of route tournant (m) du trajet, virage (m)	a	кривизна (f) пути; закругленіе (n) curva (f) del tragitto dell'aeroplano virage (m)	1
Flugrichtung (f) direction of flight direction (f) du vol		направленіе (n) полёта direzione (f) del volo dirección (f) del vuelo	2
Bewegungsrichtung (f) direction of motion direction (f) du mouvement		направленіе (n) движенія direzione (f) del movimento (rispetto alla direzione del vento) dirección (f) del movimiento	3
aufbäumen (v) to rear *or* mount up se cabrer (v)		становиться на дыбы impennarsi (v) encabritarse (v)	4
aufkippen (v) to tip *or* tilt se renverser (v), capoter (v)		закидываться; запрокидываться perdere (v) l'equilibrio, rovesciarsi (v) volverse (v)	5
Flugwiderstand (m) resistance to flight résistance (f) au vol *ou* à l'avancement		сопротивленіе (n) полёту resistenza (f) al volo resistencia (f) al vuelo	6
Oberflächenreibung (f) skin friction frottement (m) sur la surface		поверхность (f) тренія attrito (m) delle superfici rozamiento (m) sobre la superficie	7
Druckmittelpunkt (m), Druckzentrum (n), Widerstandmittelpunkt (m) centre of pressure, resultant force, resultant pressure centre (m) de pression *ou* de poussée, centre (m) de résistance, point (m) d'application de la résistance	 a	центръ (m) давленія; центръ сопротивленія centro (m) di pressione, centro (m) di resitenza centro (m) de resisstencia	8
Kippmoment (n) moment of forces tending to capsize couple (m) de renversement		опрокидывающій моментъ (m) coppia (f) di rovesciamento par (m) de inversión	9
Kurve (f) curve courbe (f), virage (m)		кривая (f) curva (f) curva (f)	10
eine Kurve nehmen (v) to manage a curve prendre (v) la courbe *ou* le virage, virer (v)		двигаться по кривой; дѣлать поворотъ virare (v), descrivere (v) una curva virar (v)	11

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1 Schräglage (f) in der Kurve
position of inclination in the curve
devers(m) *ou* inclinaison (f) en courbe

наклонное положеніе (n) при поворотѣ
inclinazione (f) dell'apparecchio nel virare
inclinación (f) en curva

2 Schleifenkurve (f)
loop
boucle (f)

кривая (f) въ видѣ петли; петля (f)
curva (f) a spira
virada (f) al redondo

3 Drehmoment (n)
torque
couple (m), moment (m)

вращающій моментъ (m)
momento (m) di rotazione
momento (m) de rotación, par (m)

4 Ablenkungswiderstand (m)
resistance to turning
résistance (f) à la déviation *ou* à la dérive

сопротивленіе (n) поворотамъ
resistenza (f) alla deviazione
resistencia (f) de desviación

5 Ablenkungswinkel (m)
angle of alteration of course *or* steering
angle (m) de déviation *ou* de dérive

уголъ (m) поворота
angolo (m) di deviazione
ángulo (m) de desviación

6 Gleitbeschleunigung (f)
fall, gradient, gliding acceleration
accélération (f) pendant la descente planée

ускореніе (n) при планирующемъ спускѣ
accelerazione (f) del volo pianeggiante
aceleración (f) durante la bajada

7 Absturz (m)
fall, violent descent, sudden fall
chute (f)

паденіе (n); низверженіе (n)
capitombolo (m), caduta (f)
caída (f)

8 Auslaufbahn (f)
run out, clear run
parcours (m) *ou* trajet (m) à l'atterrissage

дорожка (f) для разбѣга; путь (m) разбѣга
tragitto (m) d'atterramento
trayecto (m) de parada *ó* de aterramiento

9 Auslauf (m)
run out
arrêt (m) de fin de vol *ou* à l'atterrissage

разбѣгъ (m)
corsa (f) d'abbrivio *o* di slancio *o* di partenza
parada (f) final *ó* de aterramiento

10 Gleitboot (n)
glider, (sliding) cradle
hydroplane (m)

скользящая лодка (f); гидропланъ (m)
galleggiante (m) per slancio
bote (m) hidroplano

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ANHANG	**ПРИБАВЛЕНІЕ**
APPENDIX	**APPENDICE**
APPENDICE	**APÉNDICE**

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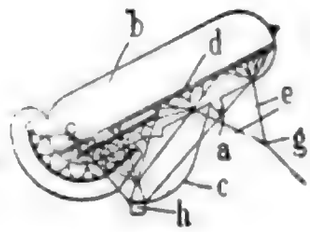
XIX.

Drachenballon — **Змѣйковый аэростатъ**

Kite Type of Balloon — **Pallone cervo-volante**

Ballon cerf-volant — **Globo en forma de cometa**



1	Füllöffnung (f) gas *or* inflation inlet manche (f) d'appendice	a	отверстіе (n) для наполненія manica (f) di caricamento del gas manguera (f) del apéndice
2	Gasraum (m) gas space chambre (f) à gaz	b	помѣщеніе (n) для газа camera (f) del gas cámara (f) de gas
3	Ventilleine (f) zum Korb valve cord to car corde (f) de manœuvre de la soupape	c	клапанная верёвка (f), идущая въ корзинѣ corda (f) di comando della valvola cuerda (f) del sopapo hacia la barquilla
4	Gurt (m) belt sangle (f), ralingue (f)	d	поясъ (m) cinghia (f) cincha (f)
5	Kreuztau (n) rope, sheet câble (m) de croisière, croisière (f)	e	верёвочный крестъ (m); скрещенныя верёвки (f pl) corda (f) incrociata cable (m) de retenida
6	Kreuztaurolle (f) rope drum poulie (f) de la croisière	g	блокъ (m) для скрещивающихся верёвокъ carrucola (f) per corda incrociata polea (f) del cable de retenida
7	Korb (m) car nacelle (f)	h	корзина (f); [гондола (f)] navicella (f), gondola (f) barquilla (f)

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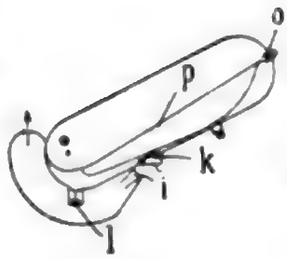
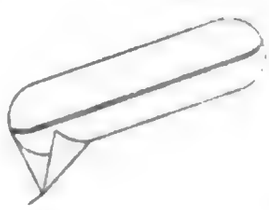
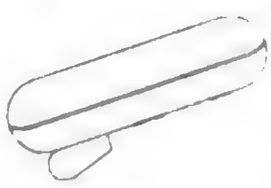
Windeinlaß (m), Windmaul (n) air inlet, draught intake entrée (f) de l'air (dans le ballonnet), manche (f) à vent pour le ballonnet	 i	впускъ (m) воздуха entrata (f) d'aria, presa (f) d'aria entrada (f) del viento (en el globo auxiliar)	1
Rückschlagklappe (f) flap valve, back pressure, check clapet (m) de retenue	k	клапанъ (m), обратно закрывающійся; обратный клапанъ valvola (f) di ritegno válvula (f) de reacción ó de retención	2
Luftauslaß (m) zum Steuer air outlet to rudder sortie (f) de l'air vers le gouvernail	l	выпускъ (m) воздуха къ рулю uscita (f) d'aria al timone salida (m) del viento hacia el timón	3
Hauptventil (n) main valve soupape (f) principale	o	главный клапанъ (m) valvola (f) principale válvula (f) principal	4
innere Ventilleine (f) internal valve cord corde (f) intérieure de la soupape	p	внутренняя клапанная верёвка (f) corda (f) della valvola interna cuerda (f) interior de la válvula	5
Windtute (f), Windtüte (f) wind sail calotte (f), manchon (m) prise de vent, capuchon (m) *ou* cône (m) de queue	q	уловитель (m) вѣтра pigliavento (m) manguito (m) de toma de viento	6
Segel (n) sail voile (f), aileron (m)	r	парусъ (m) vela (f) vela (f)	7
Segelsteuer (n) canvas rudder, rudder consisting of a staysail gouvernail (m) à voile		парусный руль (m) timone (m) a vela timón (m) de vela	8
Kegelsteuer (n) conical rudder gouvernail (m) conique		конусный руль (m) timone (m) conico timón (m) cónico	9
Doppelkegelsteuer (n) double conical rudder (one above and one below) gouvernail (m) à deux cônes		двуконусный руль (m) timone (m) a doppio cono timón (m) de dos conos	10

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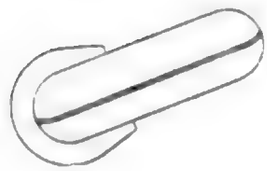
1 Wulststeuer (n)
horseshoe rudder
gouvernail (m) en fer à cheval



валиковый руль (m)
timone (m) a ferro di cavallo
timón (m) en forma de cojín

2 Drachenhutballon (m)
kite shaped type of airship
ballon (m) cerf-volant avec ballon auxiliaire

змѣйковый аэростатъ (m) со вспомогательнымъ баллономъ
pallone (m) con cervo volante
globo-cometa (m) con globo auxiliar

3 Störung (f) der Stabilität
disturbance of stability
perte (f) de la stabilité, instabilité (f)

нарушеніе (n) устойчивости
rottura (f) della stabilità
perturbación (f) de la estabilidad

4 Ableitungskabel (n)
conductor cable, wire
câble-parafoudre (m)

электроотводный кабель (m)
cavo (m) conduttore
cable-pararrayos (m)

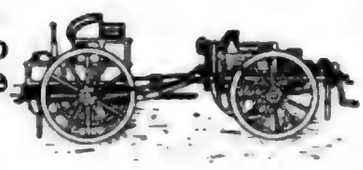
5 Takelzeug (m)
sheets, hauling ropes
cordages (f pl), gréement (m)

такелажъ (m)
paranco(m), cordame(m)
cordajes (m pl), aparejo (m)

6 Fesselung (f) des Ballons
securing the balloon (when at anchor)
ancrage (m) du ballon, amarrage (m) du ballon

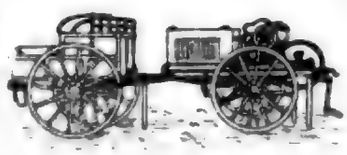
привязь (f) аэростата
frenamento (m) del pallone
anclaje (m) del globo, fijación (f) del globo

7 fahrbare Kabelwinde (f) mit Handbetrieb
horse drawn portable hand winch
treuil (m) mobile à manivelles



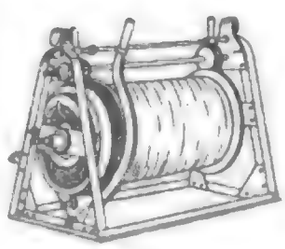
передвижная кабельная лебёдка (f) съ ручнымъ приводомъ
verricello (m) a mano trasportabile
torno (m) de mano sobre carro

8 fahrbare Kabelwinde (f) mit Motorantrieb
horse drawn portable motor driven winch
treuil (m) mobile à moteur



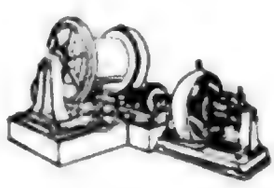
передвижная кабельная лебёдка (f) съ моторнымъ приводомъ
verricello (m) a motore trasportabile
torno (m) móvil con motor

9 feststehende Kabelwinde (f) mit Handbetrieb
stationary *or* fixed hand winch *or* crab
treuil (m) fixe mû à la main



неподвижная кабельная лебёдка (f) съ ручнымъ приводомъ
verricello (m) a mano fisso
torno (m) fijo de mano

10 feststehende Kabelwinde (f) mit elektrischem Antrieb
stationary *or* fixed electrically driven winch
treuil (m) fixe à commande électrique



неподвижная кабельная лебёдка (f) съ электрическимъ приводомъ
verricello (m) elettrico fisso
torno (m) fijo con accionamiento por máquina eléctrica

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Meßapparat (m) für Kabelspannung tensometer appareil (m) pour mesurer la tension du câble, dynamomètre (m)	аппаратъ (m) для измѣренія натяженія каната apparecchio (m) per misurare la tensione dei cavi aparato (m) para medir la tensión del cable	1
Gliederkabel (n) chain cable câble (m) articulé	сочленённый кабель (m) cavo (m) articolato cable (m) articulado	2
Wurfbirne (f) plummet contre poids (m) de lancement (du câble)	груша (f) для перебрасыванія; зондъ (m) sonda (f) contrapeso (m) de lanzamiento (del cable)	3
Ballonexerzieren **Balloon Drill** **Manœuvre du ballon**	**Командованіе аэростатомъ** **Manovra del pallone** **Maniobra del globo**	4
Ballontrupp (m) balloon squad aérostiers (m pl)	воздухоплавательная шаровая команда (f) squadra (f) addetta al pallone, plotone (m) aerostieri aerosteros (m pl)	5
Gastrupp (m) gas squad équipe (f) de gonflement	газодобывательная команда (f) squadra (f) addetta al gonfiamento personal (m) encargado de la inflación	6
Korbtrupp (m) car squad équipe (f) (chargée du service) de la nacelle	команда (f) при гондолѣ squadra (f) addetta al servizio della navicella personal (m) encargado del servicio de la barquilla	7
Windetrupp (m) winch squad équipe (f) du treuil	лебёдочная команда (f) squadra (f) addetta agli argani *od* ai verricelli personal (m) encargado del torno	8
Fernsprechertrupp (m) telephone squad équipe (f) du téléphone	команда (f) телефонистовъ squadra (f) telefonisti personal (m) encargado del teléfono	9
Reservetrupp (m) reserve squad équipe (f) de réserve	запасная команда (f) squadra (f) di riserva personal (m) de reserva	10

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1	fertig zum Füllen! ready for inflation! préparez gonflement!	готово къ наполненію! pronti pel gonfiamento! ¡preparados para la inflación!
2	Planen abladen! remove tarpaulins! enlevez bâches!	снять брезенты! scaricate le tele! ¡quitad las cubiertas!
3	Ballon abladen! unload balloon! déchargez ballon!	разгрузить! scaricate il pallone! ¡descargad el globo!
4	Ballon marsch! balloon forward march! avancez ballon!	шаръ (m) маршъ! pallone avanti! ¡el globo en marcha!
5	Ballon halt! balloon stop! arrêtez!	шаръ (m) стой pallone alt! ¡parad!
6	Ballon in Arm — nieder! lower balloon! ballon sur les bras! déposez!	принять шаръ въ руки-подтянуть! pallone sulle braccia! ¡globo á brazos! abajo!
7	Plan ausbreiten! lay out tarpaulin! dépliez bâches!	разостлать брезентъ! stendete le tele! ¡extended las cubiertas!
8	Ballon ausrollen! unroll balloon! déroulez ballon!	раскатать шаръ! svolgete il pallone! ¡desarrollad el globo!
9	Ballon füllen! inflate balloon! gonflez ballon!	наполнять шаръ! gonfiate il pallone! ¡llenad el globo!
10	Halteleinen einknebeln! lace up the netting! amarrez cordes!	вдѣть поясныя верёвки! attaccate le corde d'arresto! ¡amarrad las cuerdas!
11	Ballon abschließen! shut off filling (intake) valve! fermez la valve!	закупорить шаръ! chiudete il pallone! ¡cerrad el globo!
12	Ballon hochlassen! let go the balloon! laissez monter [le ballon]!	приподнять шаръ! lasciate salire! ¡dejad subir el globo!
13	Kabel in Zug! pull on the rope! ramenez [le câble]!	кабель (m) въ натяжку! tirate le funi! ¡tirad el cable!
14	Ballon — aufsteigen! take your places! laissez filer [câble]!	пустить шаръ вверхъ! lasciate andare! ¡arriad!, ¡largad!
15	an die Kurbeln! man the winch! aux manivelles!	на рукоятки! alle manovelle! ¡á los cigüeñales!

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fertig zum Einholen! ready to heave! tenez vous prêts à haler!	готовься къ выбиранію! pronti per l'attiramento! ¡preparados para halar!	1
an die Leinen! on to the ropes! aux câbles!	къ оттяжкамъ! alle corde! ¡á los cables!	2
Gleitrolle fertig! ready with the rollers! apprêtez galets de roulement!	приготовить бѣгучій блокъ! pronta la carrucola! !preparad los rodillos!	3
Einholen! heave! hâlez!	выбирай! attirate! ¡halad!	4
holt ein! heave short! hâlez jusqu'à terre!	принимай! tirate a terra! ¡halad hacia tierra!	5
das erste Glied an die Leinen! rope on to first section! première équipe aux cordages!	первое звено къ оттяжкамъ! la prima fila alle corde! ¡primera cuadrilla á las cuerdas!	6
Gleitrolle los! let go the rollers enlevez rouleaux!	бѣгучій блокъ (m) снять! lasciate la carrucola! ¡quitad los rodillos!	7
fertig zum Abgliedern! ready to dismantle! soyez prêts à décrocher!	готовься къ расцѣпленію! pronti per la staccatura! ¡preparados para descolgar!	8
Tau anholen! bring up a rope! halez câble!	поднести тросъ! attirate le corde! ¡halad el cable!	9
fertig zum Angliedern! ready to mount *or* erect! aux amarres!	готовься къ сцѣпкѣ! pronti per l'attaccatura! ¡dispuestos para amarrar!	10
Abrüsten (n) des Ballons dismantling of the balloon désarmement (m) du ballon	разбирать шаръ smontaggio (m) del pallone desarme (m) del globo	11
Verankern (n) des gefüllten Ballons anchoring the inflated balloon ancrage (m) du ballon gonflé	крѣпленіе (n) на якорѣ наполненнаго аэростата ancoramento (m) del pallone gonfio anclaje (m) del globo inflado	12

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1	Entleeren(n) des Ballons deflation of the balloon dégonflement (m) du ballon	опоражниванiе (n) баллона *или* шара sgonfiamento (m) del pallone desinflación (f) del globo
2	Ballon entleeren! deflate balloon! dégonflez!	опорожнить шаръ! sgonfiate il pallone! globo! desinflen!
3	Ballon ausziehen! lay out balloon! étendez ballon!	растянуть шаръ! stendete il pallone! ¡estended el globo!
4	Hülle zusammenlegen! fold up balloon! pliez ballon!	сложить шаръ! piegate il pallone! ¡plegad el globo!
5	Ballon strecken! stretch balloon! étirez ballon!	вытянуть шаръ! stirate il pallone! ¡estirad el globo!
6	Ballon rollen! roll up balloon! roulez ballon!	скатать шаръ! arrotolate il pallone! ¡arrollad el globo!
7	Erkundungsoffizier (m) intelligence officer officier (m) de reconnaissance *ou* d'observation	офицеръ-развѣдчикъ (m) ufficiale (m) di perlustrazione oficial (m) inspector
8	Gaswagen (m) gas wagon voiture (f) pour le transport des tubes à gaz, voiture (f) à tubes	газовая повозка (f) carro-gas (m) carruaje (m) para los cilindros de gas
9	Gerätewagen (m) general tool and gear wagon chariot (m) *ou* voiture (f) d'agrès	инструментальная повозка (f); повозка съ принадлежностями carro-utensili (m) coche (m) de aparejos
10	Windewagen (m) winch wagon chariot (m) *ou* voiture (f) à treuil	телѣжка (f) съ лебёдкой carro-verricello (m) coche (m) de torno

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A.

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